

May 13, 2019

Mr. Scot Storrie
Penske Automotive Group, Inc.
2555 Telegraph Road
Bloomfield Hills, Michigan 48302

**Re: Reliance Letter for the Phase II Environmental Site Assessment of the
Commercial Property
Located at 130 Midland Avenue in Port Chester, New York
PM Environmental, Inc. Project No. 19-3641-0-0002**

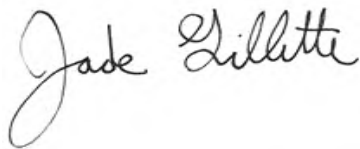
Dear Mr. Storrie:

PM Environmental, Incorporated (PM) completed a Phase II Environmental Site Assessment (ESA) of the above referenced property dated May 13, 2019. This Phase II ESA was conducted in general accordance with ASTM Standard Practice E1903-11 to assess the recognized environmental conditions (RECs) identified in PM's Phase I ESA dated May 3, 2019.

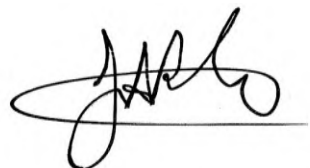
The Phase II ESA for the above referenced property represents the product of PM's professional expertise and judgment in the environmental consulting industry, and it is reasonable for **PENSKE AUTOMOTIVE GROUP, INC.** to rely on PM's Phase II ESA report.

If you have any questions related to this report please do not hesitate to contact our office at 800.313.2966.

Sincerely,
PM ENVIRONMENTAL, INC.



Jade Gillette, EP
Project Consultant



J. Adam Patton, CHMM
National Manager - Site Investigation Services



Environmental & Engineering Services Nationwide



ENVIRONMENTAL SERVICES

BUILDING ARCHITECTURE,
ENGINEERING & SCIENCE

INDUSTRIAL HYGIENE SERVICES

BROWNFIELDS & ECONOMIC
INCENTIVES CONSULTING

PHASE II ENVIRONMENTAL SITE ASSESSMENT

130 Midland Avenue | Port Chester, New York
PM Project Number 19-3641-0-0002

Prepared for:

Penske Automotive Group, Inc.
2555 Telegraph Road
Bloomfield Hills, Michigan 48304

Prepared by:

PM Environmental, Inc.
3340 Ranger Road
Lansing, Michigan 48906

Know Your Risk.
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May 13, 2019

Mr. Scot Storrie
Penske Automotive Group, Inc.
2555 Telegraph Road
Bloomfield Hills, Michigan 48304

**RE: Phase II Environmental Site Assessment
For the Commercial Property
Located at 130 Midland Avenue in Port Chester, New York
PM Environmental, Inc. Project No. 19-3641-0-0002**

Dear Mr. Storrie:

PM Environmental, Inc. (PM) completed a Phase II Environmental Site Assessment (ESA) at the commercial property located at 130 Midland Avenue in Port Chester, Westchester County, New York. (hereafter referred to as the "subject property"; Figures 1 and 2) in general accordance with ASTM Standard Practice E1903-11. The Phase II ESA was conducted to assess recognized environmental conditions (RECs) identified in PM's Phase I ESA dated May 3, 2019. This Phase II ESA report summarizes the activities conducted by PM on April 9 and 10, 2019, the geology encountered, and the sample analytical results.

THIS PHASE II ESA REPORT WAS PERFORMED FOR THE EXCLUSIVE USE OF PENSKE AUTOMOTIVE GROUP, INC. WHO MAY RELY ON THE REPORT'S CONTENTS.

INTRODUCTION AND BACKGROUND

The subject property consists of one parcel containing approximately 6.23 acres with actual property addresses spanning from 122 to 130 Midland Avenue. The subject property is developed with a one-story, 59,359 square foot multi-tenant shopping center with the remainder of the property utilized as an asphalt paved parking lot (Figure 2). It is currently zoned M2-General Industrial and C1-Neighborhood Retail.

Standard and other historical sources documented that the subject property was initially developed prior to 1908 with the construction of a large industrial building labeled car barn, boiler room and power plant along with two residential dwellings located in the northeastern corner. The subject property was operated as the New York and Stamford Railway Company. An additional industrial building was constructed on the southeast side of the subject property between 1908 and 1915 and utilized as a railroad car barn and paint shop and the boiler room in the building on the northeast corner was converted to an electrical substation. Railroad spurs onto the subject property were added by 1919. By 1934, the two residential dwellings were removed and the building on the southeast corner was converted for use as bus storage and repair for the County Transportation System and the northeastern building was vacant. In 1950, this building was used as a nut and bolt manufacturing facility as well as automotive storage for Russell Burdsall and Ward Bolt and Nut. This use continued until between 1971 and 1974 when all former structures were demolished and the property became vacant land.

The current retail building was constructed on the subject property in 1983. Review of municipal records and local street directories documents that tenants of the subject building have generally

consisted of a grocery store, restaurants, wine and liquor store, dry cleaner, shoe store, and a card and gift shop since initial construction. As of the day of the site reconnaissance, only a pizza restaurant and wine and liquor store were operating. All remaining tenant units were unoccupied.

PHASE I ESA REPORT

PM prepared a Phase I ESA for the subject property dated May 3, 2019, in conformance with the scope and limitations of ASTM Practice E1527-13 (i.e., the 'ASTM Standard').

The following onsite RECs were identified within the May 2019 Phase I ESA:

- Notations on Sanborn maps indicate that former structures on the subject property utilized fuel oil. No additional information was available documenting whether fuel oil was stored in above-ground storage tanks (ASTs) or underground storage tanks (USTs), or whether they were removed. The potential exists for contamination to be present on the subject from the former fuel oil use, and for an orphaned UST to be present.
- Review of the Sanborn map from 1934 indicated the presence of a gasoline tank along the southeastern portion of the subject property. PM was unable to determine whether the UST was removed from the property. The potential exists for orphan USTs to be present on the property and/or for a release to have occurred from the systems.
- Historic uses of the subject property include: railroad car repair and painting from at least 1908 until at least 1942; bus repair and storage from at least 1934 until at least 1942; and nut and bolt manufacturing from at least 1950 until at least 1971. In addition, exterior areas, which were unpaved, were utilized for equipment and machinery storage. Historical waste streams associated with these operations consist of general hazardous substances and/or petroleum products. This time period preceded major environmental regulations and current waste management and disposal procedures. The historical waste management practices associated with the former operations are unknown and may be a source of subsurface contamination.
- Review of historical records indicates two railroad spurs were present on the subject property from approximately 1919 to 1934. The spurs ran into the subject property from the northwest corner to the central portion of the property near the former buildings. In 1919 it indicates these tracks connected to a coal pile at the west side of the subject building. The potential exists for spills of hazardous substances and/or petroleum products to have occurred along the railroad spurs. Additionally, railroad spurs may be a source of subsurface contamination resulting from treated railroad ties and historic weed control.
- Local street directories and municipal records document that the tenant space identified as 130 Midland Avenue was occupied by a dry cleaner from 1983 until December 2018. Building records dating back to 1983 documented the use of perchloroethylene (AKA tetrachloroethene or PCE) at the facility which, if improperly managed and/or disposed of, can be a source of contamination. In addition, dry cleaning equipment remained present on the day of the site reconnaissance. The historical waste management practices associated with the former dry-cleaning operations are unknown, and may be a source of contamination to the subject property.

The following adjoining and/or nearby RECs were identified:

- The subject property is bordered to the west by railroad tracks. Review of historical records indicates the tracks have been present since at least 1908. The potential exists for spills of hazardous substances and/or petroleum products to have occurred along the historical railroad tracks. Additionally, railroads may be a source of subsurface contamination resulting from treated railroad ties and historic weed control.
- The south adjoining property (Dollar Cleaners located at 142 Midland Avenue) has been a generator of PCE since at least 1985. Based on the close proximity (directly adjoining) and length of operations, the potential exists that a release has occurred and migrated onto the subject property.

PREVIOUS SITE INVESTIGATIONS

Other than PM's Phase I ESA dated May 3, 2019, no previous site investigations were identified by PM for the subject property. Previous reports may exist for the subject property; however, none were provided to PM by the client or owner of the subject property, and none were available with the appropriate state regulatory agencies.

CURRENT SITE INVESTIGATION

On April 9 and 10, 2019, PM completed a scope of work that consisted of a geophysical survey using ground penetrating radar (GPR) to clear proposed soil boring locations and to determine whether potential orphan USTs are present; the advancement of twelve soil borings (SB-1 through SB-12); installation of nine temporary monitoring wells (TMW-1 through TMW-5, TMW-8 through TMW-10, and TMW-12); and the installation of two soil gas sample points (SSGS-1 and SSGS-2). In conjunction with the installation of the aforementioned points, PM collected eleven soil samples (SS-2 through SS-12), nine groundwater samples (TMW-1 through TMW-5, TMW-8 through TMW-10, and TMW-12), and two soil gas samples (SSGS-1 and SSGS-2) for analysis of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), metals, or some combination thereof.

It should be noted that the potential presence of a gasoline UST along the southeastern portion of the subject property (i.e. based on a 1934 Sanborn Map; refer to Figure 2) was not identified as a REC until after the Phase II ESA field activities were completed. Therefore, that area was not assessed during the Phase II ESA.

The soil boring, temporary monitoring well, and soil gas sampling point locations are depicted on Figures 3 through 5.

Geophysical Survey

On April 9, 2019, PM completed a geophysical survey investigation using GPR to determine whether potential orphan USTs are present (Figure 2) and to determine the orientation and location of public underground utilities, if any, located proximal to the proposed boring locations, prior to boring advancement. The GPR survey was completed using a GSSI® SIR-4000 radar control unit equipped with a 400-megahertz (MHz) antenna utilizing 2-dimensional scanning methods in a 2.0 foot surface grid pattern (i.e., in north-south and east-west directions), to a maximum depth of 4.0 feet below ground surface (bgs). In the event that surficial obstacles

prohibited scanning in a 2-foot surface grid pattern, a non-grid approach was taken in order to avoid obstacles and scan the accessible areas of the subject property.

No anomalies consistent with orphan USTs or UST system components were observed during the GPR survey, in the areas surveyed. However, as indicated above, the potential presence of a gasoline UST along the southeastern portion of the subject property (i.e. based on a 1934 Sanborn Map) was not identified as a REC until after the Phase II ESA field activities were completed. Therefore, that area was not included in the GPR survey area.

Subsurface Investigation

Prior to the commencement of field activities, Dig Safely New York, a utility locating service, was contacted to locate utilities on or adjacent to the subject property. Utilities were marked by the respective utility companies where they entered or were located adjacent to the subject property. In addition, PM cleared all soil boring locations of private utilities prior to installation with GPR.

The soil borings were advanced by Eco Drilling Environmental Services LLC of Toms River, New Jersey, to the desired depth using a stainless-steel hand auger or Geoprobe® drill rig. Eleven soil samples and nine groundwater samples were collected for laboratory analysis of VOCs, SVOCs, PCBs, metals, or some combination thereof. Two sub-slab soil gas samples were collected for laboratory analysis of VOCs via United States Environmental Protection Agency (USEPA) method TO-15.

The following table summarizes the sample locations, sample depths, analysis, objective, and sample selection justification. The soil boring, temporary monitoring well, and soil gas sample locations are depicted on Figures 3 through 5. Appendix A contains the soil boring/temporary monitoring well logs and soil gas sample point installation diagrams.

Description of Soil Boring/Temporary Monitoring Well/Soil Gas Locations

Location and Total Depth (feet bgs)	Sample Depth (feet bgs)	TMW Screen Depth and DTW (feet bgs)	Analysis	Objectives	Sample Selection (justification)
SB/TMW-1 (15.0)	No Soil Sample	Screen 5.0-15.0 DTW 6.5	VOCs	Assess dry cleaner operations at southern adjoining property	Soil: N/A GW: Sampled.
SB/TMW-2 (15.0)	Soil 4.0-5.0	Screen 5.0-15.0 DTW 13.0	VOCs, SVOCs and Metals	Assess potential former UST and former paint shop and car barn #3 operations	Soil: Sample was collected from the vadose zone at depth of highest suspected impact based on PID readings. GW: Sampled.
SB/TMW-3 (15.0)	Soil 2.0-3.0	Screen 5.0-15.0 DTW 13.0	VOCs, SVOCs and Metals	Assess potential former UST and former paint shop and car barn #3 operations	Soil: Sample was collected from the vadose zone at depth of highest suspected impact based on PID readings. GW: Sampled.

**Phase II Environmental Site Assessment for the Commercial Property
Located at 130 Midland Avenue in Port Chester, New York
PM Project No. 19-3641-0-0002; May 9, 2019**

Location and Total Depth (feet bgs)	Sample Depth (feet bgs)	TMW Screen Depth and DTW (feet bgs)	Analysis	Objectives	Sample Selection (justification)
SB/TMW-4 (15.0)	Soil 11.0-12.0	Screen 5.0-15.0 DTW 12.5	VOCs, SVOCs and Metals	Assess potential former UST and former paint shop and car barn #3 operations	Soil: Sample was collected from the vadose zone at depth of highest suspected impact based on PID readings. GW: Sampled.
SB/TMW-5 (15.0)	Soil 1.0-2.0	Screen 5.0-15.0 DTW 8.0	VOCs, SVOCs, PCBs, and Metals	Assess former electric sub-station and car barn #2 operations	Soil: Sample was collected from the shallow interval within the vadose zone based on the lack of field evidence of contamination. GW: Sampled.
SB-6 (10.0)	Soil 1.0-2.0	N/A	VOCs, SVOCs, PCBs, and Metals	Assess former electric sub-station and car barn #2 operations	Soil: Sample was collected from the shallow interval within the vadose zone based on the lack of field evidence of contamination. GW: N/A
SB-7 (10.0)	Soil 1.0-2.0	N/A	VOCs, SVOCs, PCBs, and Metals	Assess former electric sub-station and car barn #2 operations	Soil: Sample was collected from the shallow interval within the vadose zone based on the lack of field evidence of contamination. GW: N/A
SB/TMW-8 (12.0)	Soil 8.0-9.0	Screen 2.0-12.0 DTW 11.0	VOCs and SVOCs	Assess former heating oil UST	Soil: Sample was collected from the vadose zone at depth of highest suspected impact based on depth of typical UST invert. GW: Sampled.
SB/TMW-9 (15.0)	Soil 1.0-2.0	Screen 5.0-15.0 DTW 7.0	VOCs	Assess former dry cleaner operations	Soil: Sample was collected from the shallow interval within the vadose zone based on the lack of field evidence of contamination. GW: Sampled.
SB/TMW-10 (15.0)	Soil 1.0-2.0	Screen 5.0-15.0 DTW 11.0	VOCs	Assess former dry cleaner operations	Soil: Sample was collected from the shallow interval within the vadose zone based on the lack of field evidence of contamination. GW: Sampled.
SB-11 (15.0)	Soil 2.0-3.0	N/A	VOCs, PNAs, and Metals	Assess railroad tracks on western adjoining property	Soil: Sample was collected from the vadose zone at depth of highest suspected impact based on field observations of debris within boring. GW: N/A

Location and Total Depth (feet bgs)	Sample Depth (feet bgs)	TMW Screen Depth and DTW (feet bgs)	Analysis	Objectives	Sample Selection (justification)
SB/TMW-12 (15.0)	Soil 2.0-3.0	Screen 5.0-15.0 DTW 6.0	VOCs, PNAs, and Metals	Assess railroad tracks on western adjoining property and former railroad tracks on subject property	Soil: Sample was collected from the shallow interval within the vadose zone based on the lack of field evidence of contamination. GW: Sampled.
SSGS-1 (1.5)	Soil Gas 1.0 – 1.5	N/A	VOCs	Assess soil gas from former dry cleaner operations	Soil Gas: Sampled.
SSGS-2 (1.5)	Soil Gas 1.0 – 1.5	N/A	VOCs	Assess soil gas from former dry cleaner operations	Soil Gas: Sampled.

GW – Groundwater

bgs – below ground surface

VOCs – Volatile Organic Compounds

DTW – Depth to Water

N/A – Not Applicable

SVOCs – Semi-Volatile Organic Compounds

TMW – Temporary Monitoring Well

PID – Photoionization Detector

PNAs – Polynuclear Aromatics

Site Investigation Techniques

The soil borings were advanced to the desired depth using a Geoprobe® drill rig. Soil sampling was performed for soil classification, verification of subsurface geologic conditions, and for investigating the potential and/or extent of soil and groundwater contamination at the subject property. Soil samples were generally collected on a continuous basis using a 5-foot long macro-core sampler. Soil boring/temporary monitoring well logs are included in Appendix A.

During drilling operations, the drilling equipment was cleaned to minimize the possibility of cross contamination. These procedures included cleaning equipment with a phosphate free solution (i.e. Alkanox®) and rinsing with distilled water after each sample collection. Drilling and sampling equipment was also cleaned in this manner prior to initiating field activities.

Soil samples (SS-2 through SS-12) were collected from one-foot sample intervals was screened using a PID to determine if VOCs were present. Soil from specific depths was placed in plastic bags and allowed to volatilize. The headspace within each bag was then monitored with the PID. The PID is able to detect trace levels of organic compounds in the air space within the plastic bag. Soil samples for analysis were placed in appropriately labeled containers with Teflon®-lined lids and/or sanitized glass jars, then placed in an ice-packed cooler and transported under chain-of-custody procedures for laboratory analysis within applicable holding times.

Temporary monitoring wells were installed at soil borings SB-1 through SB-5, SB-8 through SB-10, and SB-12 for groundwater sample collection. At these locations, a new well assembly, consisting of 0.010-inch slot, schedule 40, poly-vinyl chloride (PVC) screen and PVC casing were lowered into the borehole to intersect the water table. After the screen for the well was set to the desired depth, an artificial sand pack or natural sands were allowed to collapse around the well screen. Groundwater samples were collected from the temporary monitoring well with care taken to avoid the potential for cross contamination between the samples and to prevent loss of volatiles to the atmosphere.

The groundwater samples (TMW-1 through TMW-5, TMW-8 through TMW-10, and TMW-12) were collected using dedicated Teflon®-lined bailers. The groundwater samples were placed in appropriately labeled containers with Teflon®-lined lids, placed in an ice-packed cooler, and transported under chain-of-custody procedures for laboratory analysis within applicable holding times. Purge water was maintained separately and returned to the well.

Sub-slab soil gas samples were collected from the building utilizing a ½- inch diameter drill to install a Teflon®-lined sub-slab soil gas sample probe with air inlet approximately six inches below the bottom of the finished floor, estimated at 1.0 – 1.5 feet bgs. Teflon® tape and Portland cement were utilized to seal the annulus between sample probe and the surrounding concrete. Prior to purging of the sample probe, a helium shroud was constructed over the sample probe and filled with helium. During purging, the sample probe discharge was monitored for the presence of helium to evaluate for leaks between the surface and the annulus of the sample probe. Once it was determined that no leaks were present, the sample probe was purged and a composite sub-slab soil gas sample was collected. Soil gas samples were collected in 2.7-liter SUMMA canisters for laboratory analysis of VOCs. Soil gas sample rates were regulated with a flow of 200 mL/min for a minimum draw time of ten minutes.

The soil, groundwater, and soil gas samples were submitted to Alpha Analytical Laboratories, Inc. in Westborough, Massachusetts for chemical analysis. Soil, groundwater, and soil gas analytical results are summarized in Tables 1 through 3, while Figures 3 through Figure 5 depict the soil, groundwater, and soil gas analytical results on scaled site diagrams. The complete laboratory analytical reports are included in Appendix B.

Upon completion of the investigation, soil borings were abandoned by removing the temporary well materials, placing the soil cuttings back into the borehole, filling the void with bentonite chips, hydrating the chips, resurfacing and returning the area to its pre-drilling condition.

GEOLOGY/HYDROGEOLOGY

Based on the soil boring logs, native site-specific stratigraphy generally consists of sand, silt, and gravel to 15.0 feet bgs, the maximum depth explored. Static water levels were measured in the temporary monitoring wells between 6.0 and 13.0 feet bgs.

The soil boring logs are included in Appendix A, which summarize site-specific geology, sample depths, and PID readings.

ANALYTICAL RESULTS

The analytical results for the soil, groundwater, and soil gas samples collected by PM on April 9 – 10, 2019 were compared with the standards presented in the New York State Department of Environmental Conservation (NYSDEC) Table 375-6.8(a) Unrestricted Use Soil Clean Up Objectives (UU-SCOs) and Table 375-6.8(b) for Restricted Use Soil Clean Up Objectives – Commercial (RU(C)-SCOs). Analytical results for groundwater samples collected were compared to the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) New York State Ambient Water Quality Standards (NY AWQS) as supplemented by Table 2 last updated in June 2004 for General Aquifer (GA) designation. The analytical results for the soil gas samples were compared to the EPA Vapor Intrusion Screening Levels (VISL) for Commercial Target Sub-Slab and Near-Source Soil Gas Concentration with a Hazard Quotient of 1 last updated in May 2018.

The analytical results are generally summarized in the following table. The soil, groundwater, and soil gas analytical results are listed in more detail in Tables 1 through 3 and are depicted on Figures 3, 4 and 5.

Summary of Soil, Groundwater and Soil Gas Exceedances

Location	Sample Depth (feet bgs)	Compound	Objectives	Exceedances
TMW-1	Groundwater 6.5	None	Assess dry cleaner operations at southern adjoining property	Groundwater: No Exceedances
SB-2	Soil 4.0-5.0	B(a)A, B(a)P, B(b)F, B(k)F, Chrysene, D(a,h)A, I(cd)P, Pb, and Hg	Assess potential gasoline UST and former paint shop and car barn #3 operations	Soil: UU-SCOs and/or RU(C)-SCOs
TMW-2	Groundwater 13.0	Bis(2-ethylhexyl)phthalate	Assess potential gasoline UST and former paint shop and car barn #3 operations	Groundwater: TOGS-AWQS-GA
SB-3	Soil 2.0-3.0	B(b)F, I(cd)P, and Hg	Assess potential gasoline UST and former paint shop and car barn #3 operations	Soil: UU-SCOs
TMW-3	Groundwater 13.0	None	Assess potential gasoline UST and former paint shop and car barn #3 operations	Groundwater: No Exceedances
SB-4	Soil 11.0-12.0	1,2,4-TMB and Xylenes	Assess potential gasoline UST and former paint shop and car barn #3 operations	Soil: UU-SCOs
TMW-4	Groundwater 12.5	1,2,4,5-TMB, 1,2,4-TMB, 1,3,5-TMB, Ethylbenzene, Isopropylbenzene, n-Butylbenzene, n-Propylbenzene, Naphthalene, p-Isopropylbenzene, and p/m-Xylene	Assess potential gasoline UST and former paint shop and car barn #3 operations	Groundwater: TOGS-AWQS-GA
SB-5	Soil 1.0-2.0	B(a)A, B(b)F, Chrysene, I(cd)P, PCBs, Cd, Pb, and Hg	Assess former electric sub-station and car barn #2 operations	Soil: UU-SCOs

**Phase II Environmental Site Assessment for the Commercial Property
Located at 130 Midland Avenue in Port Chester, New York
PM Project No. 19-3641-0-0002; May 9, 2019**

Location	Sample Depth (feet bgs)	Compound	Objectives	Exceedances
TMW-5	Groundwater 8.0	B(a)A, B(a)P, B(b)F, B(k)F, Chrysene, and I(cd)P	Assess former electric sub-station and car barn #2 operations	Groundwater: TOGS-AWQS-GA
SB-6	Soil 1.0-2.0	B(a)A, B(a)P, B(b)F, Chrysene, I(cd)P, PCBs, Pb, and Hg	Assess former electric sub-station and car barn #2 operations	Soil: UU-SCOs and/or RU(C)-SCOs
SB-7	Soil 1.0-2.0	Acetone, B(a)A, B(a)P, B(b)F, Chrysene, I(cd)P, PCBs, Cd, Pb, and Hg	Assess former electric sub-station and car barn #2 operations	Soil: UU-SCOs and/or RU(C)-SCOs
SB-8	Soil 8.0-9.0	None	Assess former heating oil UST	Soil: No Exceedances
TMW-8	Groundwater 11.0	B(a)A, B(a)P, B(b)F, B(k)F, Chrysene, and I(cd)P	Assess former heating oil UST	Groundwater: TOGS-AWQS-GA
SB-9	Soil 1.0-2.0	cis-1,2-DCE and PCE	Assess former dry cleaner operations	Soil: UU-SCOs
TMW-9	Groundwater 7.0	None	Assess former dry cleaner operations	Groundwater: No Exceedances
SB-10	Soil 1.0-2.0	Acetone	Assess former dry cleaner operations	Soil: UU-SCOs
TMW-10	Groundwater 11.0	None	Assess former dry cleaner operations	Groundwater: No Exceedances
SB-11	Soil 2.0-3.0	Cd, Pb, and Hg	Assess railroad tracks on western adjoining property	Soil: UU-SCOs and/or RU(C)-SCOs
SB-12	Soil 2.0-3.0	B(a)A, B(a)P, B(b)F, Chrysene, I(cd)P, Cd, and Pb	Assess railroad tracks on western adjoining property and former railroad tracks on subject property	Soil: UU-SCOs and/or RU(C)-SCOs
TMW-12	Groundwater 6.0	B(a)A and B(a)P	Assess railroad tracks on western adjoining property and former railroad tracks on subject property	Groundwater: TOGS-AWQS-GA
SSGS-1	Soil Gas 1.0-1.5	PCE	Assess soil gas from former dry cleaner operations	Soil Gas EPA VISL

**Phase II Environmental Site Assessment for the Commercial Property
Located at 130 Midland Avenue in Port Chester, New York
PM Project No. 19-3641-0-0002; May 9, 2019**

Location	Sample Depth (feet bgs)	Compound	Objectives	Exceedances
SSGS-2	Soil Gas 1.0-1.5	PCE	Assess soil gas from former dry cleaner operations	Soil Gas EPA VISL

bgs – below ground surface
B(b)F – Benzo(b)fluoranthene
I(cd)P – Indeno(1,2,3-cd)pyrene
1,2,4-TMB – 1,2,4-Trimethylbenzene
Pb – Lead
UU-SCOs – Unrestricted Use Soil Cleanup Objectives
RU(C)-SCOs – Restricted Use (Commercial) Soil Cleanup Objectives
TOGS-AWQS-GA – NYSDEC Division of Water Technical and Operational Guidance Series Ambient Water Quality Standards – General Aquifer Designation
EPA VISL – EPA Vapor Intrusion Screening Levels for Commercial Target Sub-Slab and Near-Source Soil Gas Concentration with a Hazard Quotient of 1 last updated in May 2018

B(a)A – Benzo(a)anthracene
B(k)F – Benzo(k)fluoranthene
1,2,4,5-TMB – 1,2,4,5-Tetramethylbenzene
1,3,5-TMB – 1,3,5-Trimethylbenzene
Hg – Mercury

B(a)P – Benzo(a)pyrene
D(a,h)A – Dibenzo(a,h)anthracene
Cd – Cadmium
PCE – Tetrachloroethene
PCBs – Polychlorinated Biphenyls

Summary of Soil Analytical Results

The soil analytical results are summarized on Figure 3 and in Table 1. The laboratory analytical reports are included as Appendix B.

Select VOCs were detected above their respective laboratory method detection limits (MDLs) in soil samples SS-2 through SS-12. Concentrations of 1,2,4-trimethylbenzene (SS-4), acetone (SS-7 and SS-10), cis-1,2-dichloroethene (SS-9), tetrachloroethene (SS-9), and total xylenes (SS-4) were reported in excess of UU-SCOs, while below RU(C)-SCOs. No other VOC concentrations in soil exceeded the most restrictive UU-SCOs.

Select SVOCs were detected above their respective laboratory MDLs in soil samples SS-2 through SS-7, SS-11, and SS-12. Additionally, concentrations of benzo(a)anthracene (SS-2, SS-5 through SS-7, and SS-12), benzo(a)pyrene (SS-2, SS-6, SS-7, and SS-12), benzo(b)fluoranthene (SS-2, SS-3, SS-5 through SS-7, and SS-12), benzo(k)fluoranthene (SS-2), chrysene (SS-2, SS-5 through SS-7, and SS-12), dibenzo(a,h)anthracene (SS-2), and indeno(1,2,3-cd)pyrene (SS-2, SS-3, SS-5 through SS-7) were reported in excess of UU-SCOs. Furthermore, the concentrations reported for benzo(a)anthracene (SS-2), benzo(a)pyrene (SS-2, SS-6, SS-7, and SS-12), and benzo(b)fluoranthene (SS-2) also exceeded RU(C)-SCOs. No other SVOC concentrations in soil exceeded the most restrictive UU-SCOs.

PCBs were detected above laboratory MDLs in soil samples SS-5 through SS-7. The PCB concentrations for these samples were reported in excess of UU-SCOs, while below RU(C)-SCOs

Select RCRA-8 metals were detected above their respective laboratory MDLs in soil samples SS-2 through SS-7, SS-11, and SS-12. Additionally, concentrations of cadmium (SS-5, SS-7, SS-11, and SS-12), lead (SS-2, SS-5 through SS-7, SS-11, and SS-12), and mercury (SS-2, SS-3, SS-5 through SS-7, and SS-11) were reported in excess of UU-SCOs. Furthermore, one concentration reported for cadmium (SS-11) also exceeded the RU(C)-SCO. No other RCRA-8 metal concentrations in soil exceeded the most restrictive UU-SCOs.

Summary of Groundwater Analytical Results

The groundwater analytical results are summarized on Figure 4 and in Table 2. The laboratory analytical reports are included as Appendix B.

Select VOCs were detected above their respective laboratory MDLs in groundwater samples TMW-1 through TMW-4, TMW-8 through TMW-10, and TMW-12. Groundwater sample TMW-4 reported 1,2,4,5-tetramethylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, ethylbenzene, isopropylbenzene, n-butylbenzene, n-propylbenzene, and naphthalene at concentrations above the TOGS AWQS GA standards.

Select SVOCs were detected above their respective laboratory MDLs in groundwater samples TMW-2 through TMW-5, TMW-8, and TMW-12. Additionally, concentrations of benzo(a)anthracene (TMW-5, TMW-8, and TMW-12), benzo(a)pyrene (TMW-5 and TMW-8), benzo(b)fluoranthene (TMW-5, TMW-8, and TMW-12), benzo(k)fluoranthene (TMW-5 and TMW-8), bis(2-ethylhexyl)phthalate (TMW-2), chrysene (TMW-5 and TMW-8), and indeno(1,2,3-cd)pyrene (TMW-5 and TMW-8), and naphthalene (TMW-4) were reported in excess of TOGS AWQS GA standards.

Soil Gas Analytical Results

The soil gas analytical results are summarized on Figure 5 and in Table 3. The laboratory analytical reports are included as Appendix B.

Select VOCs were detected in sub-slab soil gas samples SSGS-1 and SSGS-2 at concentrations above the respective laboratory MDLs and below applicable screening levels. SSGS-1 and SSGS-2 each reported tetrachloroethene (PCE) concentrations in excess of the EPA-VISLs for Commercial Sub Slab Soil Gas Screening Concentrations. This indicates that a vapor encroachment condition exists in the former drycleaner tenant space of the subject property building.

EXPOSURE PATHWAY EVALUATION

The following exposure pathways were evaluated, including: groundwater ingestion, groundwater surface water interface, direct contact, and ambient and indoor air inhalation from contaminated soil and groundwater. Exposure pathways are eliminated when it is demonstrated that unacceptable exposures do not exist and that response activities are not required to prevent or mitigate unacceptable exposures.

The subject property is currently zoned with a nonresidential property use. Based upon the current zoning and likely nonresidential use of the subject property in the future, NYSDEC Restricted Use Soil Clean Up Objectives – Commercial Standards are appropriate.

Complete and/or Potentially Complete Exposure Pathway?		
Pathway	Yes/No	Justification
Groundwater Ingestion	No	• No water wells exist at the subject property. • Subject property connected to municipal water.

Complete and/or Potentially Complete Exposure Pathway?		
Pathway	Yes/No	Justification
Indoor Air Inhalation	Yes	- Sub-slab soil gas samples reported tetrachloroethene concentrations in excess of the commercial EPA-VISL within currently vacated leasehold space that formerly contained a dry-cleaning operation. - Further evaluation of the vapor intrusion pathway is necessary for the former dry cleaner space as well as for the adjacent leasehold spaces, which are currently occupied by a pizzeria and a liquor store.
Ambient Air Volatile/ Particulate Soil Inhalation	NA	This pathway was not evaluated.
Direct Contact	Yes	- Soil samples reported several concentrations of benzo(a)anthracene, benzo(a)pyrene, benzo(k)fluoranthene, and cadmium in excess of their respective RU(C)-SCOs. - Further investigation and subsequent remedial action are necessary for the areas of these exceedances, at a minimum.
Surface Water	NA	Surface water is not present on or adjacent to the subject property.

BOLD – Further evaluation recommended based upon a relevant human exposure pathway and exceedance of an applicable criterion (Section 5.0).

CONCLUSIONS AND RECOMMENDATIONS

On April 9 and 10, 2019, PM completed a Phase II ESA scope of work that consisted of a geophysical survey using GPR to clear proposed soil boring locations and to determine whether potential orphan USTs are present; the advancement of twelve soil borings (SB-1 through SB-12); installation of nine temporary monitoring wells (TMW-1 through TMW-5, TMW-8 through TMW-10, and TMW-12); and the installation of two soil gas sample points (SSGS-1 and SSGS-2). In conjunction with the installation of the aforementioned points, PM collected eleven soil samples (SS-2 through SS-12), nine groundwater samples (TMW-1 through TMW-5, TMW-8 through TMW-10, and TMW-12), and two soil gas samples (SSGS-1 and SSGS-2) for analysis of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polynuclear aromatics (PNAs), polychlorinated biphenyls (PCBs), metals, or some combination thereof.

The potential presence of a gasoline UST along the southeastern portion of the subject property (i.e. based on a 1934 Sanborn Map) was not identified as a REC until after the Phase II ESA field activities were completed. Therefore, that area was not assessed during the Phase II ESA.

No anomalies consistent with orphan USTs or UST system components were observed during the GPR survey, in the areas surveyed.

Soil analytical results identified concentrations of select VOCs (specifically 1,2,4-trimethylbenzene, acetone, cis-1,2-dichloroethene, tetrachloroethene, and total xylenes), SVOCs (specifically benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene), PCBs, and select metals (specifically cadmium, lead, and mercury) in excess of the most restrictive UU-SCO standards. Furthermore, concentrations of benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and cadmium in select soil samples also exceeded RU(C)-SCOs.

Groundwater analytical results identified concentrations of select VOCs (specifically 1,2,4,5-tetramethylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, ethylbenzene, isopropylbenzene, n-butylbenzene, n-propylbenzene, and naphthalene) and SVOCs (specifically benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, chrysene, and indeno(1,2,3-cd)pyrene, and naphthalene) in excess of the TOGS AWQS GA standards.

Soil gas analytical results identified concentrations of PCE in excess of its EPA-VISL for Commercial Sub Slab Soil Gas Screening Concentrations. This indicates that a vapor encroachment condition exists in the former drycleaner tenant space of the subject property building.

Based on the soil analytical results, there are concentrations of select VOCs, SVOCs, PCBs, and/or metals exceeding the most restrictive UU-SCOs in numerous areas across the subject property. Additionally, concentrations of select SVOCs in SS-2, SS-6, SS-7, and SS12 and a metal (cadmium) in SS-11 also exceeded RU(C)-SCOs. Therefore, PM recommends additional investigation to delineate the vertical and horizontal extents of these soil impacts at the subject property in order to determine an appropriate remedial strategy.

Based on the groundwater analytical results, numerous concentrations of select VOCs and SVOCs, many of which considered petroleum-related compounds, were reported in TMW-4 in excess of TOGS AWQS GA. Additionally, concentrations of select SVOCs were reported in excess of TOGS AWQS GA in TMW-2, TMW-5, TMW-8, and TMW-12. Therefore, PM recommends additional investigation to delineate the vertical and horizontal extents of these groundwater impacts at the subject property in order to determine an appropriate remedial strategy.

Based on the soil gas analytical results, concentrations of PCE exceeding the EPA-VISL have been identified in the sub-slab soil gas beneath the leasehold space at the subject property formerly occupied by a dry-cleaning operation. Therefore, PM recommends further investigation of soil and groundwater directly beneath the leasehold space in order to verify whether a release has occurred as well as a soil gas and indoor air investigation for the adjacent tenant spaces (currently occupied by a pizzeria restaurant and a liquor store) to determine if a vapor exposure pathway exists for either space, and/or whether vapor controls may be necessary.

In accordance with Title 6 of the Codes, Rules and Regulations of the State of New York (NYCRR) PART 613 and Section 1.1 of The *Technical Field Guidance, Spill Reporting and Initial Notification Requirements*, petroleum spills must be reported to the DEC by the spiller or by any person with knowledge of a spill, leak, or discharge. All reportable petroleum spills and most hazardous materials spills must be reported to the DEC hotline (1-800-457-7362) from within New York State; and (1-518-457-7362) from outside of New York State.

PM recommends that a Qualified Environmental Professional (QEP) be engaged to notify the NYSDEC of the suspected release and conduct a site characterization to evaluate the nature and extent of the impacts identified.

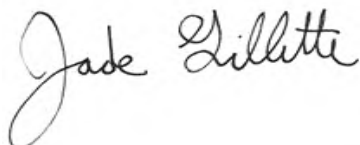
It should be noted that the potential presence of a gasoline UST along the southeastern portion of the subject property was not identified as a REC until after the GPR survey and Phase II field work were completed. Therefore, PM recommends that additional investigation be completed to determine if the gasoline UST identified in historical Sanborn maps, remains in place and/or if a

release occurred in association with the UST.

The remaining RECs associated with the subject property identified in PM's Phase I ESA dated May 3, 2019 have been assessed.

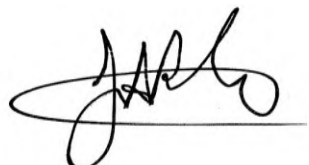
Sincerely,

**PM Environmental, Inc.
REPORT PREPARED BY:**



Jade Gillette, EP
Project Consultant

REPORT REVIEWED BY:



J. Adam Patton, CHMM
National Manager - Site Investigation Services

FIGURES

- Figure 1: Property Vicinity Map
Figure 2: Generalized Diagram of the Subject Property and Adjoining Properties with Geophysical Survey Area
Figure 3: Soil Boring/Temporary Monitoring Well/Soil Gas Sample Location Map with Soil Analytical Results
Figure 4: Soil Boring/Temporary Monitoring Well/Soil Gas Sample Location Map with Groundwater Analytical Results
Figure 5: Soil Boring/Temporary Monitoring Well/Soil Gas Sample Location Map with Soil Gas Analytical Results

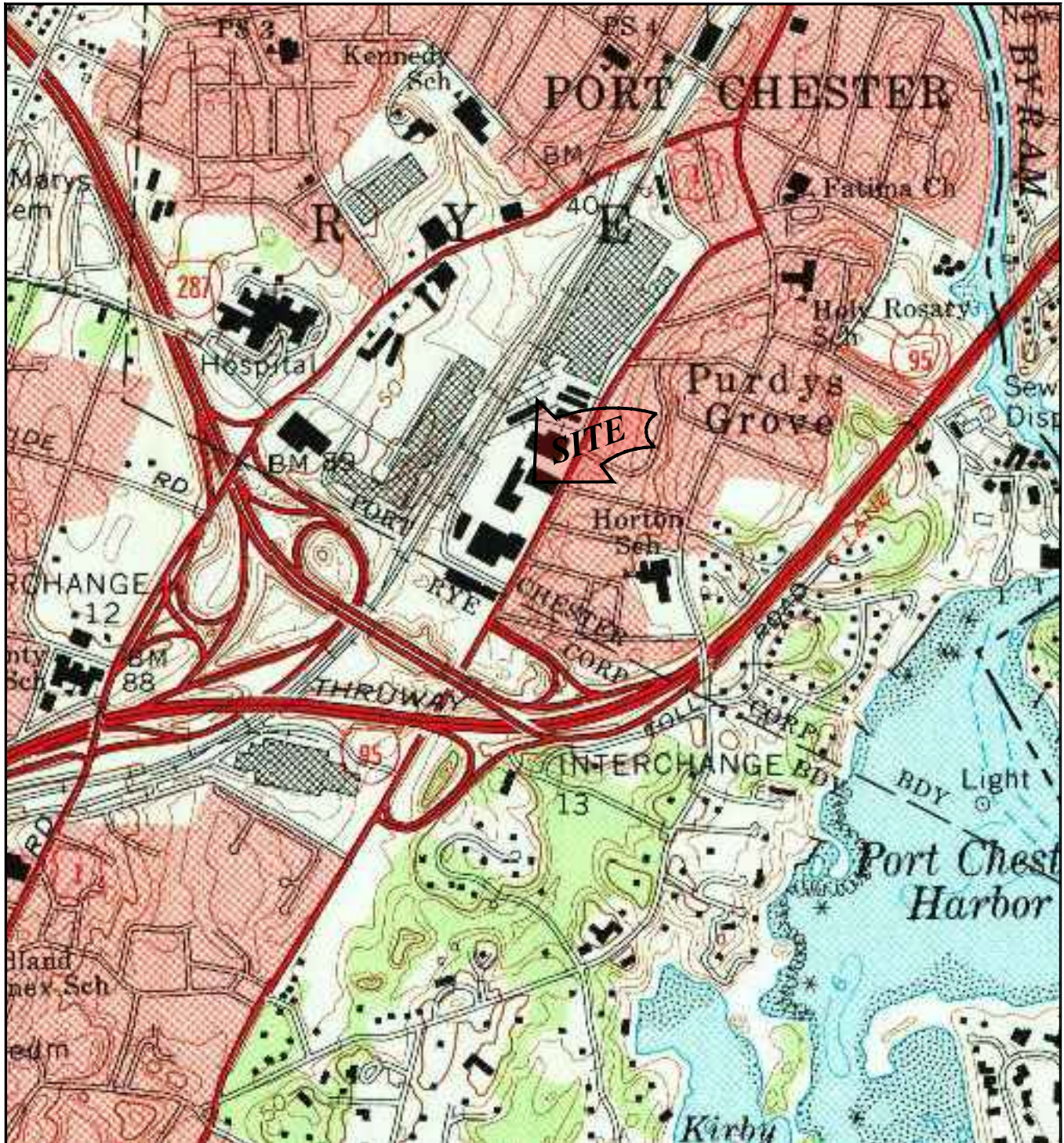
TABLES

- Table 1: Summary of Soil Analytical Results – VOCs, SVOCs, PNAs, PCBs, and Metals
Table 2: Summary of Groundwater Analytical Results – VOCs and SVOCs
Table 3: Summary of Soil Gas Analytical Results – Volatile Organic Compounds

APPENDICES

- Appendix A: Soil Boring/Temporary Monitoring Well Logs and Soil Gas Sample Point Diagrams
Appendix B: Laboratory Analytical Reports

Figures



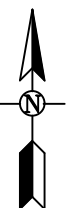
WESTCHESTER COUNTY

FIGURE 1

PROPERTY VICINITY MAP

UNITED STATES GEOLOGICAL SURVEY, 7.5 MINUTE SERIES

MAMARONECK, MI QUADRANGLE, 1967. PHOTO REVISED 1975.



**Environmental
& Engineering
Services**

PROJ: COMMERCIAL PROPERTY
130 MIDLAND AVENUE
PORT CHESTER, NY

**THIS IS NOT A LEGAL
SURVEY**

VERIFY SCALE

0 2,000'

IF NOT 1" ON THIS
SHEET, ADJUST
SCALES ACCORDINGLY.

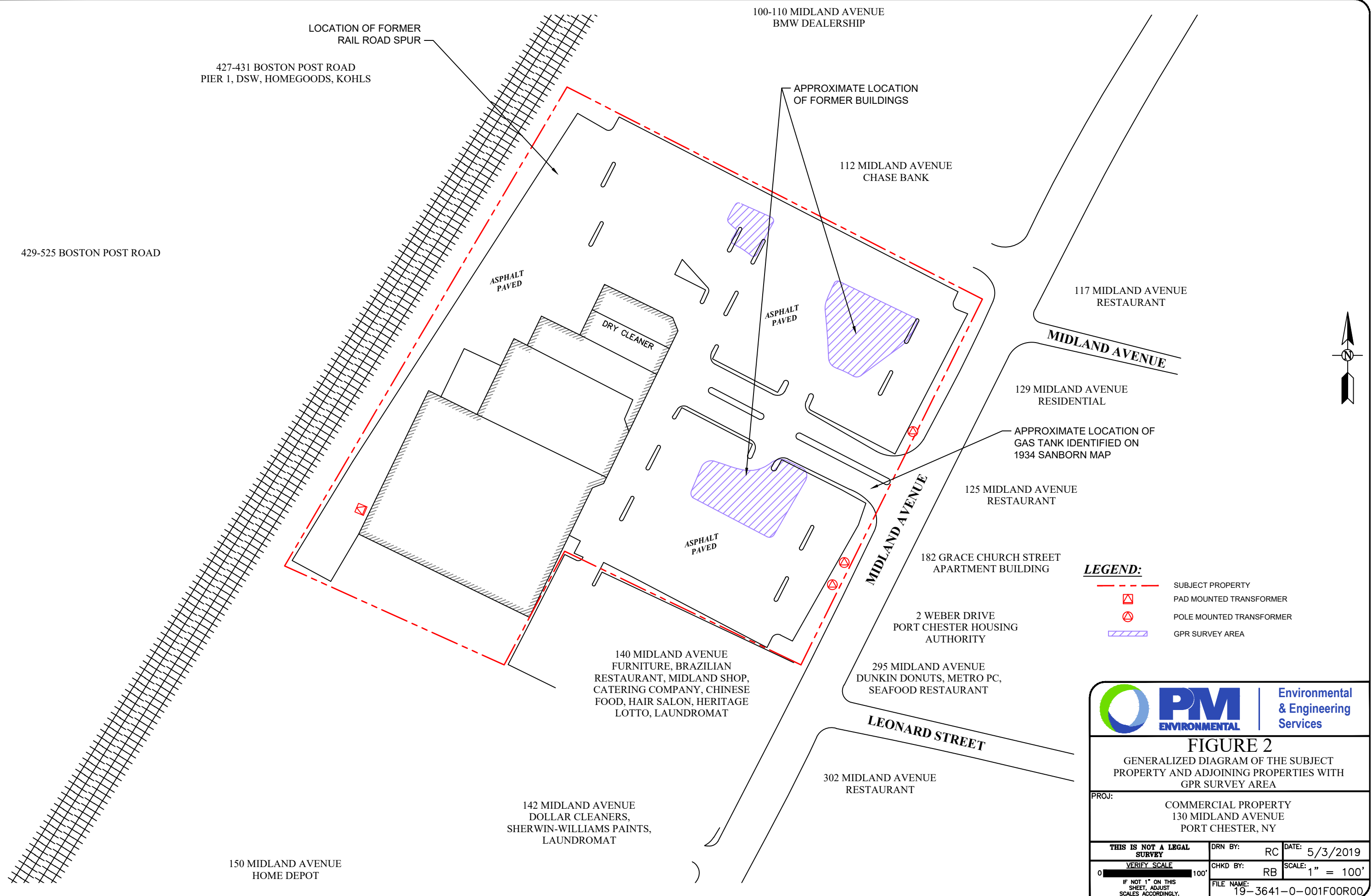
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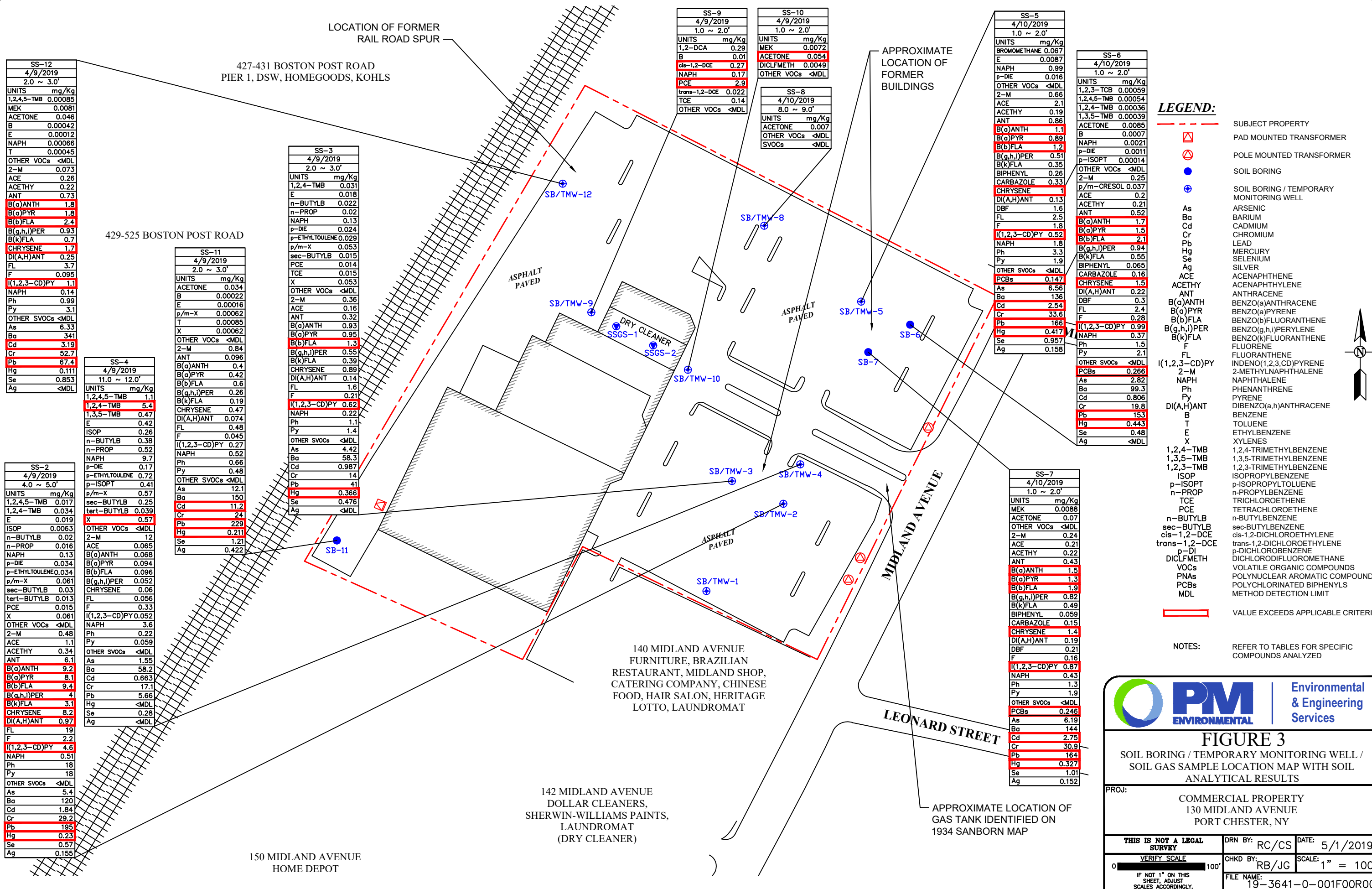
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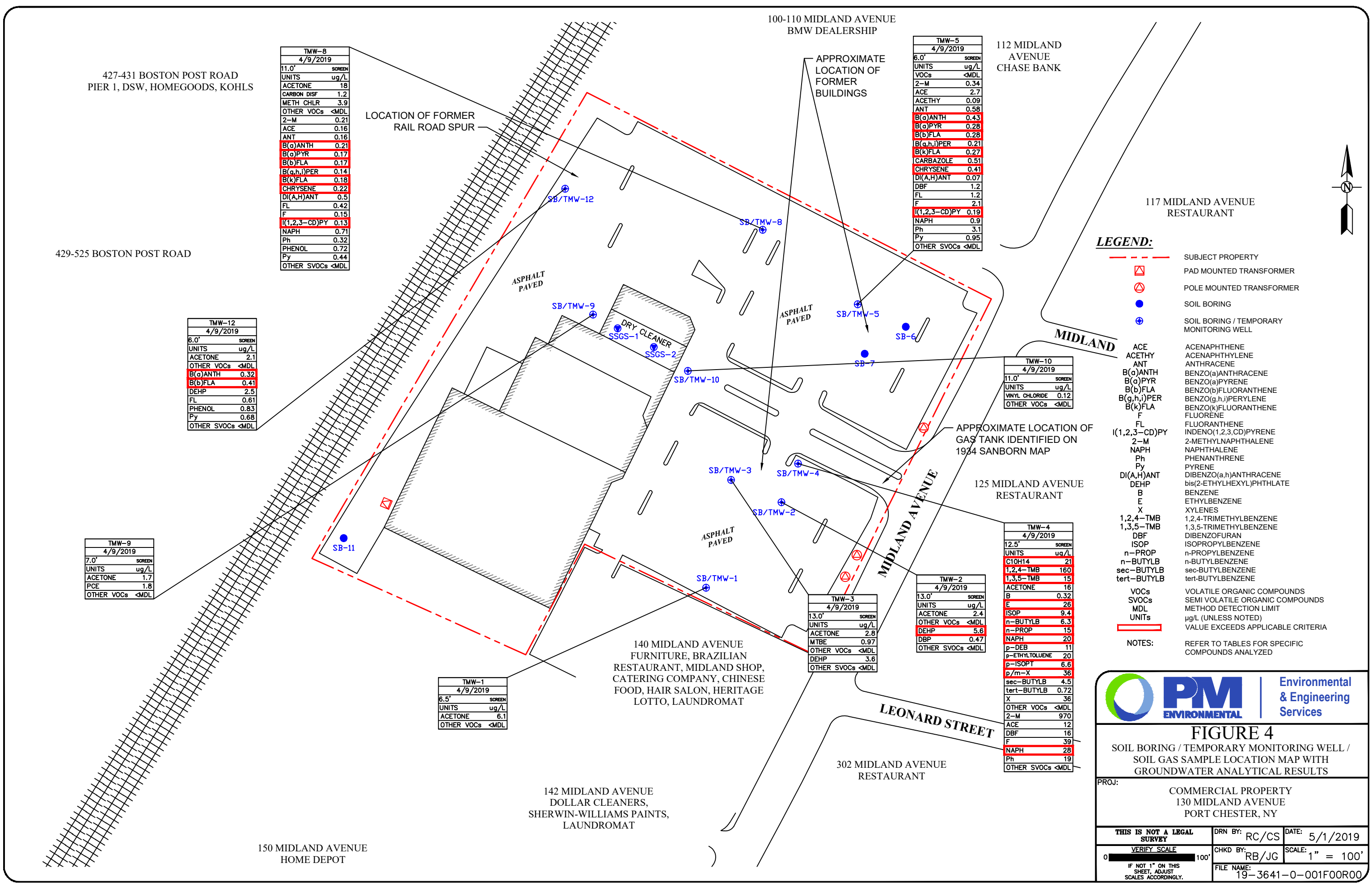
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SCALE: 1" = 2,000'

FILE NAME: 19-3641-0-001F00R00









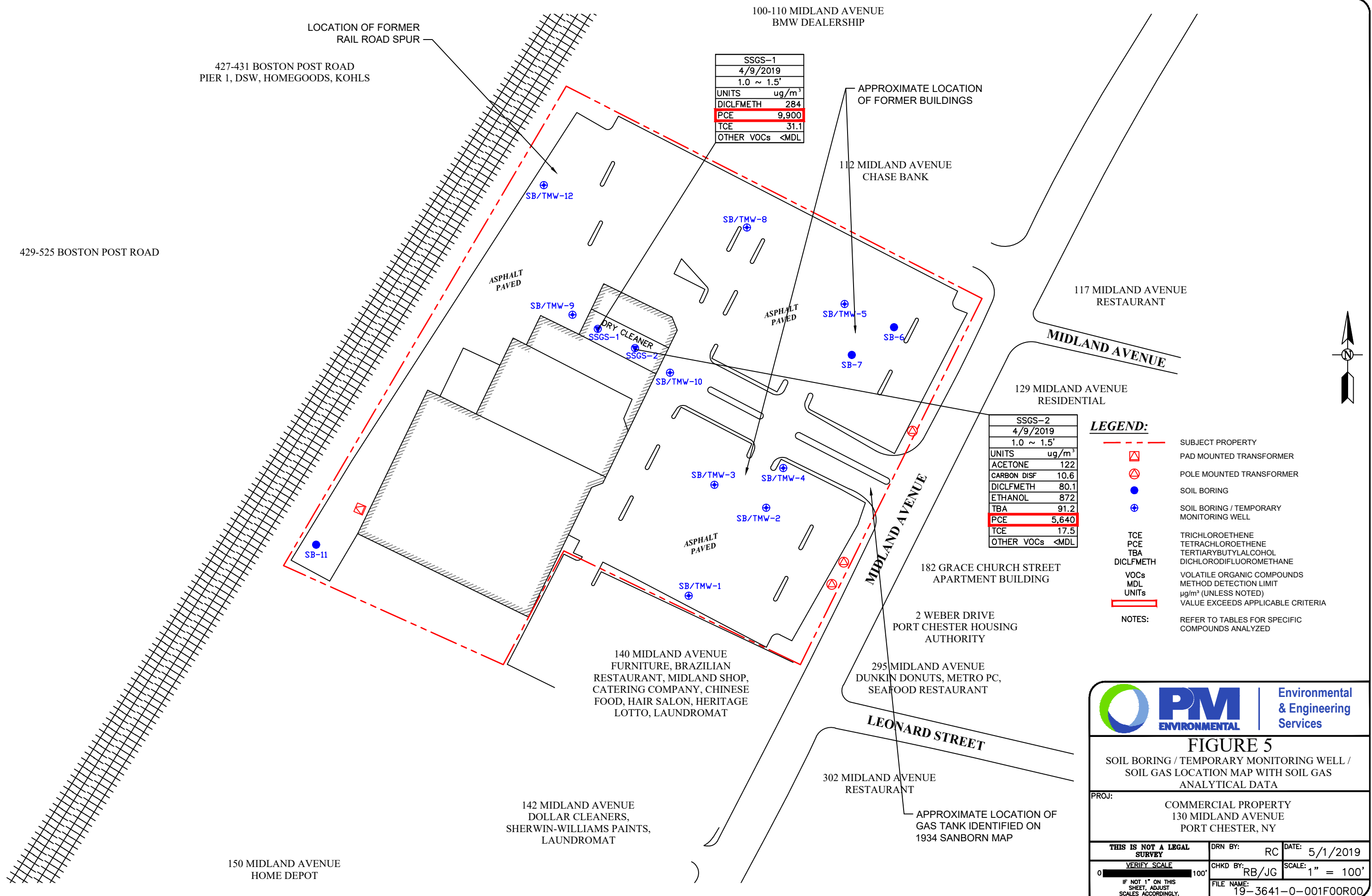
PM
ENVIRONMENTAL

Environmental
& Engineering
Services

FIGURE 4
SOIL BORING / TEMPORARY MONITORING WELL /
SOIL GAS SAMPLE LOCATION MAP WITH
GROUNDWATER ANALYTICAL RESULTS

PROJ: COMMERCIAL PROPERTY
130 MIDLAND AVENUE
PORT CHESTER, NY

THIS IS NOT A LEGAL SURVEY	DRN BY: RC/CS	DATE: 5/1/2019
VERIFY SCALE	CHKD BY: RB/JG	SCALE: 1" = 100'
IF NOT 1" ON THIS SHEET, ADJUST SCALES ACCORDINGLY.		
FILE NAME: 19-3641-0-001F00R00		



Tables

TABLE 1- PAGE 1 OF 2
SUMMARY OF SOIL ANALYTICAL RESULTS
VOCs, SVOCs, PCBs, AND METALS
130 MIDLAND AVENUE, PORT CHESTER, NEW YORK
PM PROJECT # 19-3641-0-0002

VOLATILE ORGANIC COMPOUNDS (VOCs), SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs), POLYCHLORINATED BIPHENYLS (PCBs) and METALS (mg/kg)			1,2,3-Trichlorobenzene	1,2,4,5-Tetramethylbenzene	1,2,4-Trimethylbenzene	1,2-Dichlorobenzene, Total	1,3,5-Trimethylbenzene	2-Butanone	Acetone	Benzene	Bromobenzene	cis-1,2-Dichloroethene	Dichlorodifluoromethane	Ethylbenzene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	Naphthalene	p-Diethylbenzene	p-Ethyltoluene	p-Isopropyltoluene	p-m-Xylene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Xylenes, Total	Other VOCs
Chemical Abstract Service Number (CAS #)			87-61-6	95-93-2	95-63-6	540-59-0	108-67-8	78-93-3	67-64-1	71-43-2	74-83-9	156-59-2	75-71-8	100-41-4	98-82-8	104-51-8	103-65-1	91-20-3	105-05-5	622-96-8	99-87-6	179601-23-3	135-98-8	98-06-6	127-18-4	108-88-3	156-60-5	79-01-6	1330-20-7	Various
Sample ID	Sample Date	Sample Depth (feet bgs)	VOCs																											
SS-2	4/9/2019	4.0-5.0	<0.017	0.017	0.034	<0.0074	<0.01	<0.12	<0.26	<0.0089	<0.031	<0.0094	<0.049	0.019	0.0063	0.02	0.016	0.13	0.034	0.034	<0.0058	0.061	0.03	0.013	0.015	<0.029	<0.0074	<0.0074	0.061	<MDL
SS-3	4/9/2019	2.0-3.0	<0.019	<0.011	0.031	<0.0082	<0.012	<0.13	<0.29	<0.0099	<0.035	<0.01	<0.055	0.018	<0.0065	0.022	0.02	0.13	0.024	0.029	<0.0065	0.053	0.015	<0.007	0.014	<0.032	<0.0082	0.015	0.053	<MDL
SS-4	4/9/2019	11.0-12.0	<0.047	1.1	5.4	<0.02	0.47	<0.32	<0.7	<0.024	<0.085	<0.026	<0.13	0.42	0.26	0.38	0.52	9.7	0.17	0.72	0.41	0.57	0.25	0.039	<0.029	<0.08	<0.02	<0.02	0.57	<MDL
SS-5	4/10/2019	1.0-2.0	<0.018	<0.01	0.018	<0.0076	<0.011	<0.12	<0.26	<0.0092	0.067	<0.0096	<0.05	0.0087	<0.006	<0.0092	<0.0094	0.99	0.016	<0.021	<0.006	<0.031	<0.008	<0.0065	<0.011	<0.03	<0.0076	<0.0076	<0.016	<MDL
SS-6	4/10/2019	1.0-2.0	0.00059	0.00054	0.00036	<0.00013	0.00039	<0.0021	0.0085	0.0007	<0.00055	<0.00017	<0.00087	<0.00013	<0.0001	<0.00016	<0.00016	0.0021	0.0011	<0.00037	0.00014	<0.00053	<0.00014	<0.00011	<0.00019	<0.00052	<0.00013	<0.00013	<0.00028	<MDL
SS-7	4/10/2019	1.0-2.0	<0.00043	<0.00026	<0.00045	<0.00018	<0.00026	0.0088	0.07	<0.00022	<0.00078	<0.00024	<0.0012	<0.00019	<0.00015	<0.00022	<0.00023	<0.00088	<0.00024	<0.00052	<0.00015	<0.00075	<0.0002	<0.00016	<0.00026	<0.00073	<0.00018	<0.00018	<0.00039	<MDL
SS-8	4/10/2019	8.0-9.0	<0.00035	<0.00021	<0.00036	<0.00015	<0.00021	<0.0024	0.007	<0.00018	<0.00063	<0.00019	<0.001	<0.00015	<0.00012	<0.00018	<0.00019	<0.00071	<0.00019	<0.00042	<0.00012	<0.00061	<0.00016	<0.00013	<0.00021	<0.00059	<0.00015	<0.00015	<0.00032	<MDL
SS-9	4/9/2019	1.0-2.0	<0.019	<0.011	<0.02	0.29	<0.012	<0.13	<0.29	0.01	<0.035	0.27	<0.055	<0.0084	<0.0065	<0.01	<0.01	0.17	<0.01	<0.023	<0.0065	<0.034	<0.0087	<0.0071	2.9	<0.032	0.022	0.14	<0.017	<MDL
SS-10	4/9/2019	1.0-2.0	<0.0003	<0.00018	<0.00032	<0.00013	<0.00018	0.0072	0.054	<0.00016	<0.00055	<0.00016	0.0049	<0.00013	<0.0001	<0.00016	<0.00016	<0.00062	<0.00017	<0.00036	<0.0001	<0.00053	<0.00014	<0.00011	<0.00018	<0.00051	<0.00013	<0.00013	<0.00028	<MDL
SS-11	4/9/2019	2.0-3.0	<0.00035	<0.0002	<0.00036	<0.00015	<0.00021	<0.0024	0.034	0.00022	<0.00062	<0.00019	<0.00098	0.00016	<0.00012	<0.00018	<0.00018	<0.0007	<0.00019	<0.00041	<0.00012	0.00062	<0.00016	<0.00013	<0.00021	0.00085	<0.00015	<0.00015	0.00062	<MDL
SS-12	4/9/2019	2.0-3.0	<0.00026	0.00085	<0.00028	<0.00011	<0.00016	0.0081	0.046	0.00042	<0.00048	<0.00014	<0.00075	0.00012	<0.00009	<0.00014	<0.00014	0.00066	<0.00014	<0.00032	<0.00009	<0.00046	<0.00012	<0.0001	<0.00016	0.00045	<0.00011	<0.00011	<0.00024	<MDL
New York State Department of Environmental Conservation (NYSDEC) Regulatory Standards																														
NY Table 375-6.8(b) Restricted Use Soil Cleanup Commercial 12/14/06			NL	NL	190	NL	190	500	500	44	NL	500	NL	390	NL	500	500	500	NL	NL	NL	NL	500	500	150	500	500	200	500	Various
NY Table 375-6.8(a) Unrestricted Use Soil Cleanup Objectives 12/14/06			NL	NL	3.6	NL	8.4	0.12	0.05	0.06	NL	0.25	NL	1	NL	12	3.9	12	NL	NL	NL	NL	11	5.9	1.3	0.7	0.19	0.47	0.25	Various

Screening Level Exceeded
Value Exceeds Applicable Screening Level
mg/kg Milligram per Kilogram
bgs Below Ground Surface (feet)
MDL Method Detection Limit
NL Not Listed
NA Not Analyzed

TABLE 1 - PAGE 2 OF 2
SUMMARY OF SOIL ANALYTICAL RESULTS
VOCs, SVOCs, PCBs, AND METALS
130 MIDLAND AVENUE, PORT CHESTER, NEW YORK
PM PROJECT # 19-3641-0-0002

VOLATILE ORGANIC COMPOUNDS (VOCs), SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs), POLYCHLORINATED BIPHENYLS (PCBs) AND METALS		2-Methyl-Propylbenzene	Naphthalene-Methylpropanediol	Aroclor 1248	Aroclor 1260	Aroclor 1260A	Benzodibenzofuran	Benzodioxane	Benzodithiane	Benzotrifluoride	Biphenyl	Catechol	Chrysene	Dibenz(a,h)anthracene	Dibenz(b,k)fluorene	Dibenz(f,i)pyrene	Fluorene	Inerted 1,2,3-dichlorobenzene	Naphthalene	Pentaerythritol	Pyrene	Other SVOCs	Aroclor 1254	Aroclor 1260B	Other PCBs	Total PCBs	Asbest	Bauxite	Calcium	Chromium	Lead	Manganese	Selenium	Silver						
(mg/Kg)		98-76-4	108-39-4 TOLUENE	83-32-9	298-96-8	120-12-7	56-55-3	50-32-8	205-99-2	193-24-2	207-08-6	92-52-4	86-74-8	218-01-8	53-70-3	132-64-6	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	128-00-0	Various	11097-69-1	11096-82-3	Various	Various	7440-38-2	7440-39-3	7440-43-9	7440-47-3	7439-92-1	7439-97-6	7782-49-2	7440-22-4					
Chemical Abstract Service Number (CAS #)		SVOCs																		PCBs					Metals															
Sample ID	Sample Date	Sample Depth (feet/bps)																																						
SS-2	4/10/2019	4.0-5.0	0.48	NA	1.1	0.34	0.11	0.32	0.31	0.92	8.1	9.4	4	3.1	NA	NA	8.2	0.97	NA	19	2.2	4.6	0.51	18	18	<MDL	NA	NA	NA	NA	NA	4.42	120	1.84	29.2	195	0.23	0.57	0.155	
SS-3	4/10/2019	2.0-3.0	0.38	NA	0.16	<0.01	0.32	0.30	0.35	1.3	0.55	0.39	NA	0.06	0.14	NA	0.09	0.33	0.62	0.22	1.1	1.4	0.22	0.050	NA	NA	NA	NA	NA	NA	NA	NA	4.42	98.5	0.897	14	41	0.366	0.476	<0.128
SS-4	4/10/2019	11.0-12.0	1.2	NA	0.005	<0.004	<0.043	0.058	0.004	0.066	0.052	<0.026	NA	NA	0.06	<0.025	NA	0.056	0.33	0.050	3.4	0.22	0.059	<MDL	NA	NA	NA	NA	NA	NA	NA	NA	1.55	98.2	0.653	17.1	5.66	<0.018	0.28	<0.146
SS-5	4/10/2019	1.0-2.0	0.66	<0.15	2.1	0.19	0.86	1.1	0.89	1.2	0.51	0.35	0.26	0.33	1	0.13	1.6	2.5	1.8	0.52	1.8	3.3	1.9	<MDL	0.0704	0.0768	<MDL	0.147	6.56	136	2.54	33.6	166	0.417	0.957	0.158				
SS-6	4/10/2019	1.0-2.0	0.25	0.037	0.2	0.21	0.52	1.7	1.5	2.1	0.94	0.55	0.06	0.16	1.5	0.22	0.3	2.4	0.28	0.99	0.37	1.5	2.1	<MDL	0.153	0.113	<MDL	0.247	6.82	99.3	0.806	168	153	0.443	0.48	<0.128				
SS-7	4/10/2019	1.0-2.0	0.24	<0.031	0.21	0.22	0.43	1.5	1.3	1.9	0.82	0.49	0.059	0.15	1.4	0.19	0.21	<0.023	0.16	0.87	0.43	1.3	1.9	<MDL	0.136	0.11	<MDL	0.246	6.19	144	2.75	30.9	164	0.327	1.01	0.152				
SS-8	4/10/2019	8.0-8.0	<0.022	<0.029	0.019	<0.028	<0.036	<0.021	<0.045	<0.031	<0.022	<0.029	<0.043	<0.018	<0.019	<0.021	<0.017	<0.021	<0.018	<0.026	<0.022	<0.019	<0.018	<MDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SS-9	4/10/2019	1.0-2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<MDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
SS-10	4/10/2019	1.0-2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<MDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SS-11	4/10/2019	2.0-3.0	0.84	NA	<0.019	<0.029	0.096	0.4	0.42	0.6	0.36	0.19	NA	NA	NA	0.47	0.074	NA	0.48	0.045	0.27	0.52	0.66	0.48	<MDL	NA	NA	NA	NA	NA	12.1	150	11.2	24	229	0.313	1.71	0.422		
SS-12	4/10/2019	2.0-3.0	0.073	NA	0.26	0.22	0.73	1.8	1.8	2.4	0.93	0.7	NA	NA	1.7	0.25	NA	3.7	0.096	1.1	0.14	0.99	3.1	<MDL	NA	NA	NA	NA	NA	6.33	341	3.19	52.7	67.4	0.111	0.853	<0.126			
New York State Department of Environmental Conservation (NYSDepC) Regulatory Standards																																								
NY Title 375-6.8(b) Restricted Use Soil Cleanup Objectives 1211406		NA	500	500	500	500	5.6	1	5.6	500	56	NA	NA	56	0.56	350	500	500	5.6	500	500	500	Various	1	1	Various	1	16	430	9.3	NA	1000	2.8	18	1500	1500				
NY Title 375-6.8(b) Unrestricted Use Soil Cleanup Objectives 1211406		NA	0.33	20	100	100	1	1	1	1	100	0.8	NA	NA	1	0.33	7	100	30	0.5	12	100	100	Various	0.1	0.1	Various	0.1	13	350	25	NA	63	3.8	3.9	2				

BOLD	Screening Level Exceeded
mg/kg	Value Exceeds Applicable Screening Level
bgs	Milligram per kilogram
MDL	Below Ground Surface (feet)
NL	Method Detection Limit
NA	Not Listed
	Not Analyzed

TABLE 2 - PAGE 1 OF 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
VOCs AND SVOCs
130 MIDLAND AVENUE, PORT CHESTER, NEW YORK
PM PROJECT # 19-3641-0-0002

VOLATILE ORGANIC COMPOUNDS (VOCs) and SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) (ug/L)			1,2,4,5-Tetrachlorobenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	Benzene	Carbon disulfide	Ethylbenzene	Isopropylbenzene	Methyl tert butyl ether	Methylene chloride	n-Butylbenzene	n-Propylbenzene	Naphthalene	p-Diethylbenzene	p-Ethyltoluene	p-Isopropyltoluene	p/m-Xylene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Vinyl chloride	Xylenes, Total	Other VOCs
CHEMICAL ABSTRACT NUMBER (CAS#)			95-93-2	95-63-6	108-67-8	67-64-1	71-43-2	75-15-0	100-41-4	98-82-8	1634-04-4	75-09-2	104-51-8	103-65-1	91-20-3	105-05-5	622-96-8	99-87-6	179601-23-1	135-98-8	98-06-6	127-18-4	75-01-4	1330-20-7	Various
Sample ID	Sample Date	Sample Depth (feet bgs)	VOCs																						
TMW-1	4/9/2019	6.5	<0.54	<0.7	<0.7	6.1	<0.16	<1	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.18	<0.07	<0.7	<MDL
TMW-2	4/9/2019	13	<0.54	<0.7	<0.7	2.4	<0.16	<1	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.18	<0.07	<0.7	<MDL
TMW-3	4/9/2019	13	<0.54	<0.7	<0.7	2.8	<0.16	<1	<0.7	<0.7	0.97	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.18	<0.07	<0.7	<MDL
TMW-4	4/9/2019	12.5	21	160	15	16	0.32	<1	26	9.4	<0.7	<0.7	6.3	15	20	11	20	6.6	36	4.5	0.72	<0.18	<0.07	36	<MDL
TMW-5	4/10/2019	6	<0.54	<0.7	<0.7	<1.5	<0.16	<1	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.18	<0.07	<0.7	<MDL
TMW-8	4/10/2019	11	<0.54	<0.7	<0.7	18	<0.16	1.2	<0.7	<0.7	<0.7	3.9	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.18	<0.07	<0.7	<MDL
TMW-9	4/9/2019	7	<0.54	<0.7	<0.7	1.7	<0.16	<1	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.07	<0.7	<MDL
TMW-10	4/9/2019	11	<0.54	<0.7	<0.7	3.2	<0.16	<1	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.18	0.12	<0.7	<MDL
TMW-12	4/9/2019	6	<0.54	<0.7	<0.7	2.1	<0.16	<1	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.18	<0.07	<0.7	<MDL
New York State Department of Environmental Conservation (NYSDEC) Regulatory Standards																									
NY TOGS Table 1			5	5	5	50	1	60	5	5	10	5	5	5	10	NL	NL	5	5	5	5	5	2	NL	Various

Applicable Criteria Exceeded
BOLD Value Exceeds Applicable Screening Level
 ug/L Micrograms per Liter
 bgs Below Ground Surface
 MDL Method Detection Limit
 NA Not Analyzed
 NL Not Listed
 TOGS Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1)
 New York State Ambient Water Quality Standards (NY AWQS)
 Supplemented by Table 2, Explanation of Basis Codes in Table 1
 As updated in June 1998, January 1999, April 2000, and June 2004.
 For General Aquifer Designation

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
VOCs AND SVOCs
130 MIDLAND AVENUE, PORT CHESTER, NEW YORK
PM PROJECT # 19-3641-0-0002

VOLATILE ORGANIC COMPOUNDS (VOCs) and SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) (ug/L)			2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Carbazole	Chrysene	Di-n-butylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Phenol	Pyrene	Other SVOCs
CHEMICAL ABSTRACT NUMBER (CAS#)			91-57-6	83-32-9	208-96-8	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9	117-81-7	86-74-8	218-01-9	84-74-2	53-70-3	132-64-9	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	108-95-2	129-00-0	Various
Sample ID	Sample Date	Sample Depth (feet bgs)	SVOCs																						
TMW-1	4/9/2019	6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TMW-2	4/9/2019	13	<0.45	<0.44	<0.46	<0.33	<0.32	<0.41	<0.35	<0.3	<0.37	5.6	<0.49	<0.34	0.47	<0.32	<0.5	<0.26	<0.41	<0.4	<0.46	<0.33	<0.57	<0.28	<MDL
TMW-3	4/9/2019	13	<0.45	<0.44	<0.46	<0.33	<0.32	<0.41	<0.35	<0.3	<0.37	3.6	<0.49	<0.34	<0.39	<0.32	<0.5	<0.26	<0.41	<0.4	<0.46	<0.33	<0.57	<0.28	<MDL
TMW-4	4/9/2019	12.5	970	12	<4.6	<3.3	<3.2	<4.1	<3.5	<3	<3.7	<15	<4.9	<3.4	<3.9	<3.2	16	<2.6	39	<4	28	19	<5.7	<2.8	<MDL
TMW-5	4/10/2019	6	0.34	2.7	0.09	0.58	0.43	0.28	0.28	0.21	0.27	<1.5	0.51	0.41	<0.39	0.07	1.2	1.2	2.1	0.19	0.9	3.1	<0.57	0.95	<MDL
TMW-8	4/10/2019	11	0.21	0.16	<0.02	0.16	0.21	0.17	0.17	0.14	0.18	<1.5	<0.49	0.22	<0.39	0.05	<0.5	0.42	0.15	0.13	0.71	0.32	0.72	0.44	<MDL
TMW-9	4/9/2019	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TMW-10	4/9/2019	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TMW-12	4/9/2019	6	<0.45	<0.44	<0.46	<0.33	0.32	<0.41	0.41	<0.3	<0.37	2.5	<0.49	<0.34	<0.39	<0.32	<0.5	0.61	<0.41	<0.4	<0.46	<0.33	0.83	0.68	<MDL
New York State Department of Environmental Conservation (NYSDEC) Regulatory Standards																									
NY TOGS Table 1			NL	20	NL	50	0.002	0	0.002	NL	0.002	5	NL	0.002	50	NL	NL	50	50	0.002	10	50	1	50	Various

BOLD Applicable Criteria Exceeded
 ug/L Value Exceeds Applicable Screening Level
 bgs Micrograms per Liter
 MDL Below Ground Surface
 MDL Method Detection Limit
 NA Not Analyzed
 NL Not Listed
 TOGS Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1)
 New York State Ambient Water Quality Standards (NY AWQS)
 Supplemented by Table 2, Explanation of Basis Codes in Table 1
 As updated in June 1998, January 1999, April 2000, and June 2004.
 For General Aquifer Designation

TABLE 3
SUMMARY OF SOIL GAS ANALYTICAL RESULTS
VOCs
130 MIDLAND AVENUE, PORT CHESTER, NEW YORK
PM PROJECT # 19-3641-0-0002

VOLATILE ORGANIC COMPOUNDS (VOCs) (µg/m ³)			Acetone	Carbon Disulfide	Dichlorodifluoromethane	Ethanol	Tertiary butyl Alcohol	Tetrachloroethene	Trichloroethene	Other VOCs
Chemical Abstract Number (CAS#)			67-64-1	75-15-0	75-71-8	64-17-5	75-65-0	127-18-4	79-01-6	Various
Sample ID	Sample Date	Sample Depth (feet bgs)	VOCs							
SSGS-1	4/9/2019	1.0-1.5	<47.7	<12.5	284	<188	<30.3	9,900	31.1	<MDL
SSGS-2	4/9/2019	1.0-1.5	122	10.6	80.1	872	91.2	5,640	17.5	<MDL
U.S. Environmental Protection Agency (EPA) Vapor Intrusion Screening Level (VISL) Calculator Target Sub-Slab and Near-Source Soil Gas Concentration THQ = 1, May 2018										
Commercial			4,510,000	102,000	14,600	NL	NL	1,570	99.7	Various

Screening Level Exceeded
BOLD Value Exceeds Applicable Screening Level
 µg/m³ Micrograms per cubic meter
 bgs Below Ground Surface
 MDL Method Detection Limits

Appendix A



Well Log:

Project No.: 19-3641-0-001

Well No.: SB/TMW-1

Project Name: 130 MIDLAND AVENUE

Date Drilled: 4/9/2019

Facility ID#:

Drill Rig: 6610

Logged By: KA

Sampling Method: GRAB

SUBSURFACE PROFILE		SAMPLE		Well Completion Details
Depth (ft.)	Description and Comments	Sample # Depth	Blow Counts	
0	Ground Surface			
	ASPHALT		-	
	SAND Dark Brown/Black, fine to coarse, some gravel		0.0	
2			-	
			0.0	
4			-	
			0.0	
6			-	
			0.0	
8			-	
			0.0	
10			-	
			0.0	
12	BROWN MEADOW MAT		-	
			0.0	
14			-	
			0.0	
16				

Completion Notes: EOB @ 15' BGS. Hole filled with soil cuttings and bentonite.

- The indicated stratification lines are approximate in situ.
The transitions between materials may be gradual.
- Boring backfilled with natural soils unless otherwise noted



Well Log:

Project No.: 19-3641-0-001

Well No.: SB/TMW-2

Project Name: 130 MIDLAND AVENUE

Date Drilled: 4/9/2019

Facility ID#:

Drill Rig: 6610

Logged By: KA

Sampling Method: GRAB

SUBSURFACE PROFILE			SAMPLE		Well Completion Details
Depth (ft.)	Description and Comments	Sample # Depth	Blow Counts	FID (ppm)	
0	Ground Surface				
	ASPHALT		-	0.0	
	SAND Tan, fine to medium, some gravel		-	0.0	
2	SAND Black, fine to medium, some gravel, some silt		-	3.9	
			-	1.3	
4		SS-2 4.0 ~ 5.0'	-	22	
	SAND Brown, fine to medium, some gravel, some silt		-	0.0	
6	SAND Gray, fine to medium, some clay		-	0.0	
			-	0.0	
8	BROWN MEADOW MAT		-	0.0	
			-	1.5	
10			-	0.4	
			-	0.0	
12			-	0.0	
	SAND Gray, fine to medium		-	0.0	
14			-	0.0	
16					

Completion Notes: EOB @ 15' BGS. Hole filled with soil cuttings and bentonite.

- The indicated stratification lines are approximate in situ.
The transitions between materials may be gradual.
- Boring backfilled with natural soils unless otherwise noted



Well Log:

Project No.: 19-3641-0-001

Well No.: SB/TMW-3

Project Name: 130 MIDLAND AVENUE

Date Drilled: 4/9/2019

Facility ID#:

Drill Rig: 6610

Logged By: KA

Sampling Method: GRAB

SUBSURFACE PROFILE			SAMPLE			Well Completion Details
Depth (ft.)	Description and Comments		Sample # Depth	Blow Counts	PID (ppm)	
0	Ground Surface					
	ASPHALT			-	0.0	
	SAND Tan, fine to medium, some gravel			-	0.9	
2	SAND Black, fine to medium, some gravel, some silt		SS-3 2.0 ~ 3.0'	-	6.6	
4				-	1.0	
				-	2.2	
6	SAND Brown, fine to medium, some gravel, some silt			-	0.1	
	SAND Gray, fine to medium, some clay			-	0.0	
				-	0.0	
8	BROWN MEADOW MAT			-	0.0	
				-	0.0	
10				-	0.0	
				-	0.0	
12				-	0.0	
	SAND Gray, fine to medium			-	0.0	
14				-	0.0	
16						

Completion Notes: EOB @ 15' BGS. Hole filled with soil cuttings and bentonite.

- The indicated stratification lines are approximate in situ. The transitions between materials may be gradual.
- Boring backfilled with natural soils unless otherwise noted



Well Log:

Project No.: 19-3641-0-001

Well No.: SB/TMW-4

Project Name: 130 MIDLAND AVENUE

Date Drilled: 4/9/2019

Facility ID#:

Drill Rig: 6610

Logged By: KA

Sampling Method: GRAB

SUBSURFACE PROFILE			SAMPLE			Well Completion Details
Depth (ft.)		Description and Comments	Sample # Depth	Blow Counts	PID (ppm)	
0		Ground Surface				1" PVC Casing 1" 10-Slot PVC Screen Ground Surface 5.00' Approximate Water Level (12.5') 15.00'
		ASPHALT		-	0.0	
		SAND Tan, fine to medium, some gravel		-	0.0	
2		SAND Black, fine to medium, some gravel, some silt		-	0.0	
				-	0.0	
4				-	0.1	
		SAND Brown, fine to medium, some gravel, some silt		-	0.4	
6		SAND Gray, fine to medium, some clay		-	3.2	
				-	7.5	
8		BROWN MEADOW MAT		-	2.1	
				-	0.2	
10				-	0.2	
			SS-4 11.0 ~ 12.0'	11		
12		SAND Gray, fine to medium	-	2.5		
			-	245		
14			-	55		
16						

Completion Notes: EOB @ 15' BGS. Hole filled with soil cuttings and bentonite.

- The indicated stratification lines are approximate in situ. The transitions between materials may be gradual.
- Boring backfilled with natural soils unless otherwise noted



Well Log:

Project No.: 19-3641-0-001

Well No.: SB/TMW-5

Project Name: 130 MIDLAND AVENUE

Date Drilled: 4/9/2019

Facility ID#:

Drill Rig: 6610

Logged By: KA

Sampling Method: GRAB

SUBSURFACE PROFILE		SAMPLE		Well Completion Details
Depth (ft.)	Description and Comments	Sample # Depth	Blow Counts PID (ppm)	
0	Ground Surface			1" PVC Casing 1" 10-Slot PVC Screen Ground Surface 5.00' Approximate Water Level (8.0') 15.00'
	ASPHALT		-	
	SAND Tan, fine to medium, some gravel	SS-5	0.0	
2	SAND Black, fine to medium, some gravel, some silt	1.0 ~ 2.0'	0.0	
			-	
			-	
4			-	
			-	
			0.1	
			-	
			0.4	
6	SAND Brown, fine to medium		-	
			3.2	
			-	
			7.5	
8			-	
			2.1	
			-	
			0.2	
10			-	
			0.2	
			-	
			11	
12			-	
			2.5	
			-	
			245	
14			-	
			55	
16				

Completion Notes: EOB @ 15' BGS. Hole filled with soil cuttings and bentonite.

- The indicated stratification lines are approximate in situ. The transitions between materials may be gradual.
- Boring backfilled with natural soils unless otherwise noted



Boring Log .

Project No.: 19-3641-0-001

Boring No.: SB-6

Project Name: 130 MIDLAND AVENUE

Date Drilled: 4/9/2019

Facility ID#:

Drill Rig: 6610

Logged By: KA

Sampling Method: GRAB

SUBSURFACE PROFILE			SAMPLE		No Well Installed
Depth (ft.)	Description and Comments	Sample # Depth	Blow Counts	PID (ppm)	
0	Ground Surface				
	ASPHALT				
	SAND Tan, fine to medium		-	0.0	
	SAND Black, fine to medium, some gravel, some silt	SS-6 1.0 ~ 2.0'	-	0.0	
2			-	0.0	
			-	0.0	
4			-	0.0	
			-	0.0	
6			-	0.0	
			-	0.0	
8			-	0.0	
			-	0.0	
10			-	0.0	
	REFUSAL @ 10' BGS				

Completion Notes: EOB @ 10' BGS. Hole filled with soil cuttings and bentonite.

- The indicated stratification lines are approximate in situ.
The transitions between materials may be gradual.
- Boring backfilled with natural soils unless otherwise noted.



Boring Log .

Project No.: 19-3641-0-001

Boring No.: SB-7

Project Name: 130 MIDLAND AVENUE

Date Drilled: 4/9/2019

Facility ID#:

Drill Rig: 6610

Logged By: KA

Sampling Method: GRAB

SUBSURFACE PROFILE			SAMPLE		No Well Installed
Depth (ft.)	Description and Comments	Sample # Depth	Blow Counts	PID (ppm)	
0	Ground Surface				
	ASPHALT				
	SAND Tan, fine to medium		-	0.0	
	SAND Black, fine to medium, some gravel, some silt	SS-7 1.0 ~ 2.0'	-	0.0	
2			-	0.0	
			-	0.0	
4			-	0.0	
			-	0.0	
6			-	0.0	
			-	0.0	
8			-	0.0	
			-	0.0	
10			-	0.0	
	REFUSAL @ 10' BGS				

Completion Notes: EOB @ 10' BGS. Hole filled with soil cuttings and bentonite.

- The indicated stratification lines are approximate in situ.
The transitions between materials may be gradual.
- Boring backfilled with natural soils unless otherwise noted.



Well Log:

Project No.: 19-3641-0-001

Well No.: SB/TMW-8

Project Name: 130 MIDLAND AVENUE

Date Drilled: 4/9/2019

Facility ID#:

Drill Rig: 6610

Logged By: KA

Sampling Method: GRAB

SUBSURFACE PROFILE		SAMPLE			Well Completion Details
Depth (ft.)	Description and Comments	Sample # Depth	Blow Counts	PID (ppm)	
0	Ground Surface				1" PVC Casing 1" 10-Slot PVC Screen Ground Surface 2.00' Approximate Water Level (11.00') 12.00'
	ASPHALT		-	0.0	
	SAND Tan, fine to medium		-	0.0	
2	SAND Black, fine to medium, some gravel, some silt		-	0.0	
			-	0.0	
4			-	0.0	
			-	0.0	
6			-	0.0	
			-	0.0	
8		SS-8 8.0 ~ 9.0'	-	0.0	
			-	0.0	
10			-	0.0	
			-	0.0	
12	REFUSAL @ 12' BGS				

Completion Notes: EOB @ 12' BGS. Hole filled with soil cuttings and bentonite.

- The indicated stratification lines are approximate in situ.
The transitions between materials may be gradual.
- Boring backfilled with natural soils unless otherwise noted



Well Log:

Project No.: 19-3641-0-001

Well No.: SB/TMW-9

Project Name: 130 MIDLAND AVENUE

Date Drilled: 4/9/2019

Facility ID#:

Drill Rig: 6610

Logged By: KA

Sampling Method: GRAB

SUBSURFACE PROFILE		SAMPLE			Well Completion Details
Depth (ft.)	Description and Comments	Sample # Depth	Blow Counts	PID (ppm)	
0	Ground Surface				1" PVC Casing 1" 10-Slot PVC Screen Ground Surface 5.00' Approximate Water Level (7.00') 15.00'
	ASPHALT		-	0.0	
	SAND Tan, fine to medium	SS-9	-	0.0	
2	SAND Black, fine to medium, some gravel, some silt	1.0 ~ 2.0'	-	0.0	
			-	0.0	
4			-	0.0	
			-	0.0	
6			-	0.0	
			-	0.0	
8			-	0.0	
			-	0.0	
10			-	0.0	
			-	0.0	
12			-	0.0	
			-	0.0	
14			-	0.0	
			-	0.0	
16					

Completion Notes: EOB @ 15' BGS. Hole filled with soil cuttings and bentonite.

- The indicated stratification lines are approximate in situ.
The transitions between materials may be gradual.
- Boring backfilled with natural soils unless otherwise noted



Well Log:

Project No.: 19-3641-0-001

Well No.: SB/TMW-10

Project Name: 130 MIDLAND AVENUE

Date Drilled: 4/9/2019

Facility ID#:

Drill Rig: 6610

Logged By: KA

Sampling Method: GRAB

SUBSURFACE PROFILE			SAMPLE			Well Completion Details
Depth (ft.)	Description and Comments		Sample # Depth	Blow Counts	PID (ppm)	
0	Ground Surface					
	ASPHALT			-	0.0	
	SAND Tan, fine to medium		SS-10	-	0.0	
2	SAND Black, fine to medium, some gravel, some silt		1.0 ~ 2.0'	-	0.0	
				-	0.0	
				-	0.0	
4				-	0.0	
				-	0.0	
6	SAND Brown, fine to medium, some gravel, some silt			-	0.0	
	SAND Black, fine to medium, some gravel, some sand			-	0.0	
				-	0.0	
8				-	0.0	
				-	0.0	
10				-	0.0	
				-	0.0	
12				-	0.0	
				-	0.0	
14				-	0.0	
				-	0.0	
16						

Completion Notes: EOB @ 15' BGS. Hole filled with soil cuttings and bentonite.

- The indicated stratification lines are approximate in situ.
The transitions between materials may be gradual.
- Boring backfilled with natural soils unless otherwise noted



Boring Log .

Project No.: 19-3641-0-001

Boring No.: SB-11

Project Name: 130 MIDLAND AVENUE

Date Drilled: 4/9/2019

Facility ID#:

Drill Rig: 6610

Logged By: KA

Sampling Method: GRAB

SUBSURFACE PROFILE			SAMPLE		No Well Installed
Depth (ft.)	Description and Comments	Sample # Depth	Blow Counts	PID (ppm)	
0	Ground Surface				
	ASPHALT				
	SAND Tan, fine to medium		-	0.0	
	SAND Black, fine to medium, some gravel, some silt		-	0.0	
2	SAND Brown, fine to medium, some gravel, some silt	SS-11 2.0 ~ 3.0'	-	0.0	
	SAND Black, fine to medium, some gravel, some sand		-	0.0	
4			-	0.0	
			-	0.0	
6			-	0.0	
			-	0.0	
8			-	0.0	
			-	0.0	
10			-	0.0	
			-	0.0	
12			-	0.0	
			-	0.0	
14			-	0.0	
			-	0.0	
16					

Completion Notes: EOB @ 15' BGS. Hole filled with soil cuttings and bentonite.

- The indicated stratification lines are approximate in situ.
The transitions between materials may be gradual.
- Boring backfilled with natural soils unless otherwise noted.



Well Log:

Project No.: 19-3641-0-001

Well No.: SB/TMW-12

Project Name: 130 MIDLAND AVENUE

Date Drilled: 4/9/2019

Facility ID#:

Drill Rig: 6610

Logged By: KA

Sampling Method: GRAB

SUBSURFACE PROFILE		SAMPLE		Well Completion Details
Depth (ft.)	Description and Comments	Sample # Depth	Blow Counts PID (ppm)	
0	Ground Surface			1" PVC Casing 1" 10-Slot PVC Screen Ground Surface 5.00' Approximate Water Level (6.00') 15.00'
	ASPHALT		-	
	SAND Tan, fine to medium		0.0	
	SAND Black, fine to medium, some gravel, some silt		0.0	
2		SS-12 2.0 ~ 3.0'	-	
			0.0	
4			-	
			0.0	
6			-	
			0.0	
8			-	
			0.0	
10			-	
			0.0	
12			-	
			0.0	
14			-	
			0.0	
16				

Completion Notes: EOB @ 15' BGS. Hole filled with soil cuttings and bentonite.

- The indicated stratification lines are approximate in situ. The transitions between materials may be gradual.
- Boring backfilled with natural soils unless otherwise noted

Appendix B



ANALYTICAL REPORT

Lab Number:	L1914430
Client:	Lisko Environmental, LLC 1300 Main Street Belmar, NJ 07719
ATTN:	Jonathan Lisko
Phone:	(732) 996-4792
Project Name:	130 MIDLAND AVENUE
Project Number:	0010-40
Report Date:	04/17/19

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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: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914430

Report Date: 04/17/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1914430-01	SS-2	SOIL	130 MIDLAND AVE., PORT CHESTER, NY	04/09/19 13:20	04/10/19
L1914430-02	SS-3	SOIL	130 MIDLAND AVE., PORT CHESTER, NY	04/09/19 13:50	04/10/19
L1914430-03	SS-4	SOIL	130 MIDLAND AVE., PORT CHESTER, NY	04/09/19 14:20	04/10/19
L1914430-04	SS-9	SOIL	130 MIDLAND AVE., PORT CHESTER, NY	04/09/19 15:24	04/10/19
L1914430-05	SS-10	SOIL	130 MIDLAND AVE., PORT CHESTER, NY	04/09/19 15:05	04/10/19
L1914430-06	SS-11	SOIL	130 MIDLAND AVE., PORT CHESTER, NY	04/09/19 16:00	04/10/19
L1914430-07	SS-12	SOIL	130 MIDLAND AVE., PORT CHESTER, NY	04/09/19 16:20	04/10/19

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914430
Report Date: 04/17/19

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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914430
Report Date: 04/17/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The element list for metals analysis was specified by the client.

Volatile Organics

L1914430-01 and -02: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

L1914430-03: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

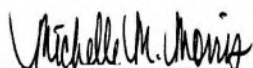
L1914430-06: The internal standard (IS) response(s) for chlorobenzene-d5 (39%) and 1,4-dichlorobenzene-d4 (18%) and the surrogate recoveries for 1,2-dichloroethane-d4 (132%), toluene-d8 (131%) and 4-bromofluorobenzene (151%) were outside the acceptance criteria; however, re-analysis achieved similar results: chlorobenzene-d5 (39%), 1,4-dichlorobenzene-d4 (22%), 1,2-dichloroethane-d4 (136%) and 4-bromofluorobenzene (140%). The results of both analyses are reported.

The WG1225834-12 Method Blank, associated with L1914430-05 and -07, has a concentration above the reporting limit for bromomethane. Since the sample(s) were non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis are reported.

The WG1226370-5 Method Blank, associated with L1914430-01 through -04, has a concentration above the reporting limit for bromomethane. Since the sample(s) were non-detect to the RL for this target analyte, no further actions were taken. The results of the original analysis 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:

 Michelle M. Morris

Title: Technical Director/Representative

Date: 04/17/19

ORGANICS

VOLATILES

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-01
 Client ID: SS-2
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 13:20
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/14/19 20:02
 Analyst: MV
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	270	120	1
1,1-Dichloroethane	ND		ug/kg	54	7.8	1
Chloroform	ND		ug/kg	80	7.5	1
Carbon tetrachloride	ND		ug/kg	54	12.	1
1,2-Dichloropropane	ND		ug/kg	54	6.7	1
Dibromochloromethane	ND		ug/kg	54	7.5	1
1,1,2-Trichloroethane	ND		ug/kg	54	14.	1
Tetrachloroethene	15	J	ug/kg	27	10.	1
Chlorobenzene	ND		ug/kg	27	6.8	1
Trichlorofluoromethane	ND		ug/kg	210	37.	1
1,2-Dichloroethane	ND		ug/kg	54	14.	1
1,1,1-Trichloroethane	ND		ug/kg	27	9.0	1
Bromodichloromethane	ND		ug/kg	27	5.8	1
trans-1,3-Dichloropropene	ND		ug/kg	54	15.	1
cis-1,3-Dichloropropene	ND		ug/kg	27	8.5	1
1,3-Dichloropropene, Total	ND		ug/kg	27	8.5	1
1,1-Dichloropropene	ND		ug/kg	27	8.5	1
Bromoform	ND		ug/kg	210	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	27	8.9	1
Benzene	ND		ug/kg	27	8.9	1
Toluene	ND		ug/kg	54	29.	1
Ethylbenzene	19	J	ug/kg	54	7.6	1
Chloromethane	ND		ug/kg	210	50.	1
Bromomethane	ND		ug/kg	110	31.	1
Vinyl chloride	ND		ug/kg	54	18.	1
Chloroethane	ND		ug/kg	110	24.	1
1,1-Dichloroethene	ND		ug/kg	54	13.	1
trans-1,2-Dichloroethene	ND		ug/kg	80	7.4	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-01**Date Collected:** 04/09/19 13:20**Client ID:** SS-2**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	27	7.4	1
1,2-Dichlorobenzene	ND		ug/kg	110	7.7	1
1,3-Dichlorobenzene	ND		ug/kg	110	7.9	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.2	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	61	J	ug/kg	110	30.	1
o-Xylene	ND		ug/kg	54	16.	1
Xylenes, Total	61	J	ug/kg	54	16.	1
cis-1,2-Dichloroethene	ND		ug/kg	54	9.4	1
1,2-Dichloroethene, Total	ND		ug/kg	54	7.4	1
Dibromomethane	ND		ug/kg	110	13.	1
Styrene	ND		ug/kg	54	10.	1
Dichlorodifluoromethane	ND		ug/kg	540	49.	1
Acetone	ND		ug/kg	540	260	1
Carbon disulfide	ND		ug/kg	540	240	1
2-Butanone	ND		ug/kg	540	120	1
Vinyl acetate	ND		ug/kg	540	120	1
4-Methyl-2-pentanone	ND		ug/kg	540	69.	1
1,2,3-Trichloropropane	ND		ug/kg	110	6.8	1
2-Hexanone	ND		ug/kg	540	63.	1
Bromochloromethane	ND		ug/kg	110	11.	1
2,2-Dichloropropane	ND		ug/kg	110	11.	1
1,2-Dibromoethane	ND		ug/kg	54	15.	1
1,3-Dichloropropane	ND		ug/kg	110	9.0	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	27	7.1	1
Bromobenzene	ND		ug/kg	110	7.8	1
n-Butylbenzene	20	J	ug/kg	54	9.0	1
sec-Butylbenzene	30	J	ug/kg	54	7.8	1
tert-Butylbenzene	13	J	ug/kg	110	6.3	1
o-Chlorotoluene	ND		ug/kg	110	10.	1
p-Chlorotoluene	ND		ug/kg	110	5.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	160	54.	1
Hexachlorobutadiene	ND		ug/kg	210	9.1	1
Isopropylbenzene	6.3	J	ug/kg	54	5.8	1
p-Isopropyltoluene	ND		ug/kg	54	5.8	1
Naphthalene	130	J	ug/kg	210	35.	1
Acrylonitrile	ND		ug/kg	210	62.	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-01**Date Collected:** 04/09/19 13:20**Client ID:** SS-2**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	16	J	ug/kg	54	9.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	15.	1
1,3,5-Trimethylbenzene	ND		ug/kg	110	10.	1
1,2,4-Trimethylbenzene	34	J	ug/kg	110	18.	1
1,4-Dioxane	ND		ug/kg	4300	1900	1
p-Diethylbenzene	34	J	ug/kg	110	9.5	1
p-Ethyltoluene	34	J	ug/kg	110	21.	1
1,2,4,5-Tetramethylbenzene	17	J	ug/kg	110	10.	1
Ethyl ether	ND		ug/kg	110	18.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	270	76.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	103		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-02
 Client ID: SS-3
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 13:50
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/14/19 20:28
 Analyst: MV
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	300	140	1
1,1-Dichloroethane	ND		ug/kg	60	8.7	1
Chloroform	ND		ug/kg	90	8.4	1
Carbon tetrachloride	ND		ug/kg	60	14.	1
1,2-Dichloropropane	ND		ug/kg	60	7.5	1
Dibromochloromethane	ND		ug/kg	60	8.4	1
1,1,2-Trichloroethane	ND		ug/kg	60	16.	1
Tetrachloroethene	14	J	ug/kg	30	12.	1
Chlorobenzene	ND		ug/kg	30	7.6	1
Trichlorofluoromethane	ND		ug/kg	240	42.	1
1,2-Dichloroethane	ND		ug/kg	60	15.	1
1,1,1-Trichloroethane	ND		ug/kg	30	10.	1
Bromodichloromethane	ND		ug/kg	30	6.5	1
trans-1,3-Dichloropropene	ND		ug/kg	60	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	30	9.4	1
1,3-Dichloropropene, Total	ND		ug/kg	30	9.4	1
1,1-Dichloropropene	ND		ug/kg	30	9.5	1
Bromoform	ND		ug/kg	240	15.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	30	9.9	1
Benzene	ND		ug/kg	30	9.9	1
Toluene	ND		ug/kg	60	32.	1
Ethylbenzene	18	J	ug/kg	60	8.4	1
Chloromethane	ND		ug/kg	240	56.	1
Bromomethane	ND		ug/kg	120	35.	1
Vinyl chloride	ND		ug/kg	60	20.	1
Chloroethane	ND		ug/kg	120	27.	1
1,1-Dichloroethene	ND		ug/kg	60	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	90	8.2	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-02**Date Collected:** 04/09/19 13:50**Client ID:** SS-3**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	15	J	ug/kg	30	8.2	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.6	1
1,3-Dichlorobenzene	ND		ug/kg	120	8.8	1
1,4-Dichlorobenzene	ND		ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	53	J	ug/kg	120	33.	1
o-Xylene	ND		ug/kg	60	17.	1
Xylenes, Total	53	J	ug/kg	60	17.	1
cis-1,2-Dichloroethene	ND		ug/kg	60	10.	1
1,2-Dichloroethene, Total	ND		ug/kg	60	8.2	1
Dibromomethane	ND		ug/kg	120	14.	1
Styrene	ND		ug/kg	60	12.	1
Dichlorodifluoromethane	ND		ug/kg	600	55.	1
Acetone	ND		ug/kg	600	290	1
Carbon disulfide	ND		ug/kg	600	270	1
2-Butanone	ND		ug/kg	600	130	1
Vinyl acetate	ND		ug/kg	600	130	1
4-Methyl-2-pentanone	ND		ug/kg	600	76.	1
1,2,3-Trichloropropane	ND		ug/kg	120	7.6	1
2-Hexanone	ND		ug/kg	600	70.	1
Bromochloromethane	ND		ug/kg	120	12.	1
2,2-Dichloropropane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	60	17.	1
1,3-Dichloropropane	ND		ug/kg	120	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	30	7.9	1
Bromobenzene	ND		ug/kg	120	8.7	1
n-Butylbenzene	22	J	ug/kg	60	10.	1
sec-Butylbenzene	15	J	ug/kg	60	8.7	1
tert-Butylbenzene	ND		ug/kg	120	7.0	1
o-Chlorotoluene	ND		ug/kg	120	11.	1
p-Chlorotoluene	ND		ug/kg	120	6.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	60.	1
Hexachlorobutadiene	ND		ug/kg	240	10.	1
Isopropylbenzene	ND		ug/kg	60	6.5	1
p-Isopropyltoluene	ND		ug/kg	60	6.5	1
Naphthalene	130	J	ug/kg	240	39.	1
Acrylonitrile	ND		ug/kg	240	69.	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-02**Date Collected:** 04/09/19 13:50**Client ID:** SS-3**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	20	J	ug/kg	60	10.	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	ND		ug/kg	120	12.	1
1,2,4-Trimethylbenzene	31	J	ug/kg	120	20.	1
1,4-Dioxane	ND		ug/kg	4800	2100	1
p-Diethylbenzene	24	J	ug/kg	120	10.	1
p-Ethyltoluene	29	J	ug/kg	120	23.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	120	11.	1
Ethyl ether	ND		ug/kg	120	20.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	300	85.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	102		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-03 D
 Client ID: SS-4
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 14:20
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/14/19 20:53
 Analyst: MV
 Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	730	340	2
1,1-Dichloroethane	ND		ug/kg	150	21.	2
Chloroform	ND		ug/kg	220	20.	2
Carbon tetrachloride	ND		ug/kg	150	34.	2
1,2-Dichloropropane	ND		ug/kg	150	18.	2
Dibromochloromethane	ND		ug/kg	150	20.	2
1,1,2-Trichloroethane	ND		ug/kg	150	39.	2
Tetrachloroethene	ND		ug/kg	73	29.	2
Chlorobenzene	ND		ug/kg	73	19.	2
Trichlorofluoromethane	ND		ug/kg	590	100	2
1,2-Dichloroethane	ND		ug/kg	150	38.	2
1,1,1-Trichloroethane	ND		ug/kg	73	24.	2
Bromodichloromethane	ND		ug/kg	73	16.	2
trans-1,3-Dichloropropene	ND		ug/kg	150	40.	2
cis-1,3-Dichloropropene	ND		ug/kg	73	23.	2
1,3-Dichloropropene, Total	ND		ug/kg	73	23.	2
1,1-Dichloropropene	ND		ug/kg	73	23.	2
Bromoform	ND		ug/kg	590	36.	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	73	24.	2
Benzene	ND		ug/kg	73	24.	2
Toluene	ND		ug/kg	150	80.	2
Ethylbenzene	420		ug/kg	150	21.	2
Chloromethane	ND		ug/kg	590	140	2
Bromomethane	ND		ug/kg	290	85.	2
Vinyl chloride	ND		ug/kg	150	49.	2
Chloroethane	ND		ug/kg	290	66.	2
1,1-Dichloroethene	ND		ug/kg	150	35.	2
trans-1,2-Dichloroethene	ND		ug/kg	220	20.	2

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-03 D
 Client ID: SS-4
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 14:20
 Date Received: 04/10/19
 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	73	20.	2
1,2-Dichlorobenzene	ND		ug/kg	290	21.	2
1,3-Dichlorobenzene	ND		ug/kg	290	22.	2
1,4-Dichlorobenzene	ND		ug/kg	290	25.	2
Methyl tert butyl ether	ND		ug/kg	290	29.	2
p/m-Xylene	570		ug/kg	290	82.	2
o-Xylene	ND		ug/kg	150	43.	2
Xylenes, Total	570		ug/kg	150	43.	2
cis-1,2-Dichloroethene	ND		ug/kg	150	26.	2
1,2-Dichloroethene, Total	ND		ug/kg	150	20.	2
Dibromomethane	ND		ug/kg	290	35.	2
Styrene	ND		ug/kg	150	29.	2
Dichlorodifluoromethane	ND		ug/kg	1500	130	2
Acetone	ND		ug/kg	1500	700	2
Carbon disulfide	ND		ug/kg	1500	670	2
2-Butanone	ND		ug/kg	1500	320	2
Vinyl acetate	ND		ug/kg	1500	320	2
4-Methyl-2-pentanone	ND		ug/kg	1500	190	2
1,2,3-Trichloropropane	ND		ug/kg	290	19.	2
2-Hexanone	ND		ug/kg	1500	170	2
Bromochloromethane	ND		ug/kg	290	30.	2
2,2-Dichloropropane	ND		ug/kg	290	30.	2
1,2-Dibromoethane	ND		ug/kg	150	41.	2
1,3-Dichloropropane	ND		ug/kg	290	24.	2
1,1,1,2-Tetrachloroethane	ND		ug/kg	73	19.	2
Bromobenzene	ND		ug/kg	290	21.	2
n-Butylbenzene	380		ug/kg	150	24.	2
sec-Butylbenzene	250		ug/kg	150	21.	2
tert-Butylbenzene	39	J	ug/kg	290	17.	2
o-Chlorotoluene	ND		ug/kg	290	28.	2
p-Chlorotoluene	ND		ug/kg	290	16.	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	440	150	2
Hexachlorobutadiene	ND		ug/kg	590	25.	2
Isopropylbenzene	260		ug/kg	150	16.	2
p-Isopropyltoluene	410		ug/kg	150	16.	2
Naphthalene	9700		ug/kg	590	95.	2
Acrylonitrile	ND		ug/kg	590	170	2

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-03 D**Date Collected:** 04/09/19 14:20**Client ID:** SS-4**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	520		ug/kg	150	25.	2
1,2,3-Trichlorobenzene	ND		ug/kg	290	47.	2
1,2,4-Trichlorobenzene	ND		ug/kg	290	40.	2
1,3,5-Trimethylbenzene	470		ug/kg	290	28.	2
1,2,4-Trimethylbenzene	5400		ug/kg	290	49.	2
1,4-Dioxane	ND		ug/kg	12000	5100	2
p-Diethylbenzene	170	J	ug/kg	290	26.	2
p-Ethyltoluene	720		ug/kg	290	56.	2
1,2,4,5-Tetramethylbenzene	1100		ug/kg	290	28.	2
Ethyl ether	ND		ug/kg	290	50.	2
trans-1,4-Dichloro-2-butene	ND		ug/kg	730	210	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	104		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-04
 Client ID: SS-9
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 15:24
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/14/19 21:18
 Analyst: MV
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	300	140	1
1,1-Dichloroethane	ND		ug/kg	60	8.7	1
Chloroform	ND		ug/kg	90	8.4	1
Carbon tetrachloride	ND		ug/kg	60	14.	1
1,2-Dichloropropane	ND		ug/kg	60	7.5	1
Dibromochloromethane	ND		ug/kg	60	8.4	1
1,1,2-Trichloroethane	ND		ug/kg	60	16.	1
Tetrachloroethene	2900		ug/kg	30	12.	1
Chlorobenzene	ND		ug/kg	30	7.6	1
Trichlorofluoromethane	ND		ug/kg	240	42.	1
1,2-Dichloroethane	ND		ug/kg	60	15.	1
1,1,1-Trichloroethane	ND		ug/kg	30	10.	1
Bromodichloromethane	ND		ug/kg	30	6.5	1
trans-1,3-Dichloropropene	ND		ug/kg	60	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	30	9.4	1
1,3-Dichloropropene, Total	ND		ug/kg	30	9.4	1
1,1-Dichloropropene	ND		ug/kg	30	9.5	1
Bromoform	ND		ug/kg	240	15.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	30	9.9	1
Benzene	10	J	ug/kg	30	9.9	1
Toluene	ND		ug/kg	60	32.	1
Ethylbenzene	ND		ug/kg	60	8.4	1
Chloromethane	ND		ug/kg	240	56.	1
Bromomethane	ND		ug/kg	120	35.	1
Vinyl chloride	ND		ug/kg	60	20.	1
Chloroethane	ND		ug/kg	120	27.	1
1,1-Dichloroethene	ND		ug/kg	60	14.	1
trans-1,2-Dichloroethene	22	J	ug/kg	90	8.2	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-04**Date Collected:** 04/09/19 15:24**Client ID:** SS-9**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	140		ug/kg	30	8.2	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.6	1
1,3-Dichlorobenzene	ND		ug/kg	120	8.8	1
1,4-Dichlorobenzene	ND		ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	ND		ug/kg	120	34.	1
o-Xylene	ND		ug/kg	60	17.	1
Xylenes, Total	ND		ug/kg	60	17.	1
cis-1,2-Dichloroethene	270		ug/kg	60	10.	1
1,2-Dichloroethene, Total	290	J	ug/kg	60	8.2	1
Dibromomethane	ND		ug/kg	120	14.	1
Styrene	ND		ug/kg	60	12.	1
Dichlorodifluoromethane	ND		ug/kg	600	55.	1
Acetone	ND		ug/kg	600	290	1
Carbon disulfide	ND		ug/kg	600	270	1
2-Butanone	ND		ug/kg	600	130	1
Vinyl acetate	ND		ug/kg	600	130	1
4-Methyl-2-pentanone	ND		ug/kg	600	76.	1
1,2,3-Trichloropropane	ND		ug/kg	120	7.6	1
2-Hexanone	ND		ug/kg	600	71.	1
Bromochloromethane	ND		ug/kg	120	12.	1
2,2-Dichloropropane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	60	17.	1
1,3-Dichloropropane	ND		ug/kg	120	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	30	7.9	1
Bromobenzene	ND		ug/kg	120	8.7	1
n-Butylbenzene	ND		ug/kg	60	10.	1
sec-Butylbenzene	ND		ug/kg	60	8.7	1
tert-Butylbenzene	ND		ug/kg	120	7.1	1
o-Chlorotoluene	ND		ug/kg	120	11.	1
p-Chlorotoluene	ND		ug/kg	120	6.5	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	60.	1
Hexachlorobutadiene	ND		ug/kg	240	10.	1
Isopropylbenzene	ND		ug/kg	60	6.5	1
p-Isopropyltoluene	ND		ug/kg	60	6.5	1
Naphthalene	170	J	ug/kg	240	39.	1
Acrylonitrile	ND		ug/kg	240	69.	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-04**Date Collected:** 04/09/19 15:24**Client ID:** SS-9**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	60	10.	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	ND		ug/kg	120	12.	1
1,2,4-Trimethylbenzene	ND		ug/kg	120	20.	1
1,4-Dioxane	ND		ug/kg	4800	2100	1
p-Diethylbenzene	ND		ug/kg	120	10.	1
p-Ethyltoluene	ND		ug/kg	120	23.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	120	11.	1
Ethyl ether	ND		ug/kg	120	20.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	300	85.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	104		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-05
 Client ID: SS-10
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 15:05
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/14/19 21:44
 Analyst: MV
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.95	0.51	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-05**Date Collected:** 04/09/19 15:05**Client ID:** SS-10**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.95	0.18	1
Dichlorodifluoromethane	4.9	J	ug/kg	9.5	0.87	1
Acetone	54		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	7.2	J	ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-05**Date Collected:** 04/09/19 15:05**Client ID:** SS-10**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	108		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-06
 Client ID: SS-11
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 16:00
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/15/19 09:02
 Analyst: MV
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	0.31	J	ug/kg	0.61	0.20	1
Toluene	1.5		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-06**Date Collected:** 04/09/19 16:00**Client ID:** SS-11**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.69	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	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	29		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-06**Date Collected:** 04/09/19 16:00**Client ID:** SS-11**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	2.4	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	132	Q	70-130
Toluene-d8	131	Q	70-130
4-Bromofluorobenzene	151	Q	70-130
Dibromofluoromethane	121		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-06 R
 Client ID: SS-11
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 16:00
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/15/19 12:51
 Analyst: PK
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	0.22	J	ug/kg	0.54	0.18	1
Toluene	0.85	J	ug/kg	1.1	0.58	1
Ethylbenzene	0.16	J	ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-06 R
 Client ID: SS-11
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 16:00
 Date Received: 04/10/19
 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	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	0.62	J	ug/kg	2.2	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	0.62	J	ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	34		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	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	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	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	0.20	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-06 R

Date Collected: 04/09/19 16:00

Client ID: SS-11

Date Received: 04/10/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, 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	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	86	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.20	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	136	Q	70-130
Toluene-d8	123		70-130
4-Bromofluorobenzene	140	Q	70-130
Dibromofluoromethane	119		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-07
 Client ID: SS-12
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 16:20
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/14/19 22:35
 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	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.82	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.82	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.82	0.10	1
Dibromochloromethane	ND		ug/kg	0.82	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.82	0.22	1
Tetrachloroethene	ND		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.57	1
1,2-Dichloroethane	ND		ug/kg	0.82	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.82	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.41	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	0.42		ug/kg	0.41	0.14	1
Toluene	0.45	J	ug/kg	0.82	0.45	1
Ethylbenzene	0.12	J	ug/kg	0.82	0.12	1
Chloromethane	ND		ug/kg	3.3	0.77	1
Bromomethane	ND		ug/kg	1.6	0.48	1
Vinyl chloride	ND		ug/kg	0.82	0.28	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.82	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-07**Date Collected:** 04/09/19 16:20**Client ID:** SS-12**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	ND		ug/kg	1.6	0.46	1
o-Xylene	ND		ug/kg	0.82	0.24	1
Xylenes, Total	ND		ug/kg	0.82	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.82	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	0.82	0.11	1
Dibromomethane	ND		ug/kg	1.6	0.20	1
Styrene	ND		ug/kg	0.82	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.2	0.75	1
Acetone	46		ug/kg	8.2	4.0	1
Carbon disulfide	ND		ug/kg	8.2	3.8	1
2-Butanone	8.1	J	ug/kg	8.2	1.8	1
Vinyl acetate	ND		ug/kg	8.2	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.2	1.0	1
1,2,3-Trichloropropane	ND		ug/kg	1.6	0.10	1
2-Hexanone	ND		ug/kg	8.2	0.97	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
2,2-Dichloropropane	ND		ug/kg	1.6	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.82	0.23	1
1,3-Dichloropropane	ND		ug/kg	1.6	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.41	0.11	1
Bromobenzene	ND		ug/kg	1.6	0.12	1
n-Butylbenzene	ND		ug/kg	0.82	0.14	1
sec-Butylbenzene	ND		ug/kg	0.82	0.12	1
tert-Butylbenzene	ND		ug/kg	1.6	0.10	1
o-Chlorotoluene	ND		ug/kg	1.6	0.16	1
p-Chlorotoluene	ND		ug/kg	1.6	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.82	1
Hexachlorobutadiene	ND		ug/kg	3.3	0.14	1
Isopropylbenzene	ND		ug/kg	0.82	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.82	0.09	1
Naphthalene	0.66	J	ug/kg	3.3	0.54	1
Acrylonitrile	ND		ug/kg	3.3	0.95	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-07**Date Collected:** 04/09/19 16:20**Client ID:** SS-12**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	0.82	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.6	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.6	0.28	1
1,4-Dioxane	ND		ug/kg	66	29.	1
p-Diethylbenzene	ND		ug/kg	1.6	0.14	1
p-Ethyltoluene	ND		ug/kg	1.6	0.32	1
1,2,4,5-Tetramethylbenzene	0.85	J	ug/kg	1.6	0.16	1
Ethyl ether	ND		ug/kg	1.6	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.1	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	109		70-130

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914430
Report Date: 04/17/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 04/14/19 16:39
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,07 Batch: WG1225834-12					
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	2.0		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: 130 MIDLAND AVENUE

Lab Number: L1914430

Project Number: 0010-40

Report Date: 04/17/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 04/14/19 16:39

Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,07 Batch: WG1225834-12					
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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914430
Report Date: 04/17/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/14/19 16:39
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,07 Batch: WG1225834-12					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	106		70-130

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Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

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Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1226370-5					
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	100		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

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Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 04/14/19 16:39

Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1226370-5					
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

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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/14/19 16:39
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1226370-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	106		70-130

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914430
Report Date: 04/17/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 04/15/19 07:46
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1226413-5					
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	0.74	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: 130 MIDLAND AVENUE

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Report Date: 04/17/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 04/15/19 07:46

Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1226413-5					
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	0.20	J	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: 130 MIDLAND AVENUE
Project Number: 0010-40

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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/15/19 07:46
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1226413-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914430

Report Date: 04/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,07 Batch: WG1225834-10 WG1225834-11								
Methylene chloride	78		81		70-130	4		30
1,1-Dichloroethane	90		92		70-130	2		30
Chloroform	94		95		70-130	1		30
Carbon tetrachloride	99		100		70-130	1		30
1,2-Dichloropropane	86		86		70-130	0		30
Dibromochloromethane	92		93		70-130	1		30
1,1,2-Trichloroethane	88		89		70-130	1		30
Tetrachloroethene	87		86		70-130	1		30
Chlorobenzene	84		87		70-130	4		30
Trichlorofluoromethane	103		102		70-139	1		30
1,2-Dichloroethane	98		100		70-130	2		30
1,1,1-Trichloroethane	96		97		70-130	1		30
Bromodichloromethane	93		94		70-130	1		30
trans-1,3-Dichloropropene	92		94		70-130	2		30
cis-1,3-Dichloropropene	87		87		70-130	0		30
1,1-Dichloropropene	87		87		70-130	0		30
Bromoform	92		93		70-130	1		30
1,1,2,2-Tetrachloroethane	84		85		70-130	1		30
Benzene	84		84		70-130	0		30
Toluene	86		87		70-130	1		30
Ethylbenzene	87		88		70-130	1		30
Chloromethane	77		77		52-130	0		30
Bromomethane	139		138		57-147	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914430

Report Date: 04/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,07 Batch: WG1225834-10 WG1225834-11								
Vinyl chloride	83		82		67-130	1		30
Chloroethane	96		92		50-151	4		30
1,1-Dichloroethene	81		83		65-135	2		30
trans-1,2-Dichloroethene	84		85		70-130	1		30
Trichloroethene	83		84		70-130	1		30
1,2-Dichlorobenzene	86		85		70-130	1		30
1,3-Dichlorobenzene	84		86		70-130	2		30
1,4-Dichlorobenzene	84		84		70-130	0		30
Methyl tert butyl ether	93		93		66-130	0		30
p/m-Xylene	84		85		70-130	1		30
o-Xylene	85		86		70-130	1		30
cis-1,2-Dichloroethene	84		86		70-130	2		30
Dibromomethane	90		91		70-130	1		30
Styrene	83		85		70-130	2		30
Dichlorodifluoromethane	69		69		30-146	0		30
Acetone	116		103		54-140	12		30
Carbon disulfide	82		81		59-130	1		30
2-Butanone	91		95		70-130	4		30
Vinyl acetate	93		94		70-130	1		30
4-Methyl-2-pentanone	88		88		70-130	0		30
1,2,3-Trichloropropane	91		91		68-130	0		30
2-Hexanone	88		88		70-130	0		30
Bromochloromethane	88		88		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914430

Report Date: 04/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,07 Batch: WG1225834-10 WG1225834-11								
2,2-Dichloropropane	96		96		70-130	0		30
1,2-Dibromoethane	87		88		70-130	1		30
1,3-Dichloropropane	88		89		69-130	1		30
1,1,1,2-Tetrachloroethane	90		91		70-130	1		30
Bromobenzene	86		85		70-130	1		30
n-Butylbenzene	84		84		70-130	0		30
sec-Butylbenzene	83		83		70-130	0		30
tert-Butylbenzene	84		84		70-130	0		30
o-Chlorotoluene	98		100		70-130	2		30
p-Chlorotoluene	85		87		70-130	2		30
1,2-Dibromo-3-chloropropane	87		88		68-130	1		30
Hexachlorobutadiene	87		86		67-130	1		30
Isopropylbenzene	85		85		70-130	0		30
p-Isopropyltoluene	84		84		70-130	0		30
Naphthalene	84		84		70-130	0		30
Acrylonitrile	92		95		70-130	3		30
n-Propylbenzene	84		85		70-130	1		30
1,2,3-Trichlorobenzene	88		85		70-130	3		30
1,2,4-Trichlorobenzene	86		86		70-130	0		30
1,3,5-Trimethylbenzene	85		86		70-130	1		30
1,2,4-Trimethylbenzene	85		85		70-130	0		30
1,4-Dioxane	92		95		65-136	3		30
p-Diethylbenzene	82		82		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,07 Batch: WG1225834-10 WG1225834-11								
p-Ethyltoluene	85		85		70-130	0		30
1,2,4,5-Tetramethylbenzene	83		82		70-130	1		30
Ethyl ether	87		89		67-130	2		30
trans-1,4-Dichloro-2-butene	93		94		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	118		118		70-130
Toluene-d8	102		104		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	107		107		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914430

Report Date: 04/17/19

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: WG1226370-3 WG1226370-4								
Methylene chloride	78		81		70-130	4		30
1,1-Dichloroethane	90		92		70-130	2		30
Chloroform	94		95		70-130	1		30
Carbon tetrachloride	99		100		70-130	1		30
1,2-Dichloropropane	86		86		70-130	0		30
Dibromochloromethane	92		93		70-130	1		30
1,1,2-Trichloroethane	88		89		70-130	1		30
Tetrachloroethene	87		86		70-130	1		30
Chlorobenzene	84		87		70-130	4		30
Trichlorofluoromethane	103		102		70-139	1		30
1,2-Dichloroethane	98		100		70-130	2		30
1,1,1-Trichloroethane	96		97		70-130	1		30
Bromodichloromethane	93		94		70-130	1		30
trans-1,3-Dichloropropene	92		94		70-130	2		30
cis-1,3-Dichloropropene	87		87		70-130	0		30
1,1-Dichloropropene	87		87		70-130	0		30
Bromoform	92		93		70-130	1		30
1,1,2,2-Tetrachloroethane	84		85		70-130	1		30
Benzene	84		84		70-130	0		30
Toluene	86		87		70-130	1		30
Ethylbenzene	87		88		70-130	1		30
Chloromethane	77		77		52-130	0		30
Bromomethane	139		138		57-147	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914430

Report Date: 04/17/19

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: WG1226370-3 WG1226370-4								
Vinyl chloride	83		82		67-130	1		30
Chloroethane	96		92		50-151	4		30
1,1-Dichloroethene	81		83		65-135	2		30
trans-1,2-Dichloroethene	84		85		70-130	1		30
Trichloroethene	83		84		70-130	1		30
1,2-Dichlorobenzene	86		85		70-130	1		30
1,3-Dichlorobenzene	84		86		70-130	2		30
1,4-Dichlorobenzene	84		84		70-130	0		30
Methyl tert butyl ether	93		93		66-130	0		30
p/m-Xylene	84		85		70-130	1		30
o-Xylene	85		86		70-130	1		30
cis-1,2-Dichloroethene	84		86		70-130	2		30
Dibromomethane	90		91		70-130	1		30
Styrene	83		85		70-130	2		30
Dichlorodifluoromethane	69		69		30-146	0		30
Acetone	116		103		54-140	12		30
Carbon disulfide	82		81		59-130	1		30
2-Butanone	91		95		70-130	4		30
Vinyl acetate	93		94		70-130	1		30
4-Methyl-2-pentanone	88		88		70-130	0		30
1,2,3-Trichloropropane	91		91		68-130	0		30
2-Hexanone	88		88		70-130	0		30
Bromochloromethane	88		88		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914430

Report Date: 04/17/19

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: WG1226370-3 WG1226370-4								
2,2-Dichloropropane	96		96		70-130	0		30
1,2-Dibromoethane	87		88		70-130	1		30
1,3-Dichloropropane	88		89		69-130	1		30
1,1,1,2-Tetrachloroethane	90		91		70-130	1		30
Bromobenzene	86		85		70-130	1		30
n-Butylbenzene	84		84		70-130	0		30
sec-Butylbenzene	83		83		70-130	0		30
tert-Butylbenzene	84		84		70-130	0		30
o-Chlorotoluene	98		100		70-130	2		30
p-Chlorotoluene	85		87		70-130	2		30
1,2-Dibromo-3-chloropropane	87		88		68-130	1		30
Hexachlorobutadiene	87		86		67-130	1		30
Isopropylbenzene	85		85		70-130	0		30
p-Isopropyltoluene	84		84		70-130	0		30
Naphthalene	84		84		70-130	0		30
Acrylonitrile	92		95		70-130	3		30
n-Propylbenzene	84		85		70-130	1		30
1,2,3-Trichlorobenzene	88		85		70-130	3		30
1,2,4-Trichlorobenzene	86		86		70-130	0		30
1,3,5-Trimethylbenzene	85		86		70-130	1		30
1,2,4-Trimethylbenzene	85		85		70-130	0		30
1,4-Dioxane	92		95		65-136	3		30
p-Diethylbenzene	82		82		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914430

Report Date: 04/17/19

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: WG1226370-3 WG1226370-4								
p-Ethyltoluene	85		85		70-130	0		30
1,2,4,5-Tetramethylbenzene	83		82		70-130	1		30
Ethyl ether	87		89		67-130	2		30
trans-1,4-Dichloro-2-butene	93		94		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	118		118		70-130
Toluene-d8	102		104		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	107		107		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914430

Report Date: 04/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1226413-3 WG1226413-4								
Methylene chloride	84		81		70-130	4		30
1,1-Dichloroethane	91		90		70-130	1		30
Chloroform	96		94		70-130	2		30
Carbon tetrachloride	101		97		70-130	4		30
1,2-Dichloropropane	87		85		70-130	2		30
Dibromochloromethane	92		90		70-130	2		30
1,1,2-Trichloroethane	88		88		70-130	0		30
Tetrachloroethene	90		88		70-130	2		30
Chlorobenzene	86		85		70-130	1		30
Trichlorofluoromethane	105		101		70-139	4		30
1,2-Dichloroethane	97		95		70-130	2		30
1,1,1-Trichloroethane	98		95		70-130	3		30
Bromodichloromethane	92		92		70-130	0		30
trans-1,3-Dichloropropene	92		91		70-130	1		30
cis-1,3-Dichloropropene	90		87		70-130	3		30
1,1-Dichloropropene	92		88		70-130	4		30
Bromoform	93		90		70-130	3		30
1,1,2,2-Tetrachloroethane	84		84		70-130	0		30
Benzene	88		86		70-130	2		30
Toluene	88		86		70-130	2		30
Ethylbenzene	88		87		70-130	1		30
Chloromethane	76		74		52-130	3		30
Bromomethane	141		134		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914430

Report Date: 04/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1226413-3 WG1226413-4								
Vinyl chloride	87		84		67-130	4		30
Chloroethane	100		96		50-151	4		30
1,1-Dichloroethene	88		84		65-135	5		30
trans-1,2-Dichloroethene	90		86		70-130	5		30
Trichloroethene	88		87		70-130	1		30
1,2-Dichlorobenzene	86		86		70-130	0		30
1,3-Dichlorobenzene	88		88		70-130	0		30
1,4-Dichlorobenzene	87		87		70-130	0		30
Methyl tert butyl ether	95		92		66-130	3		30
p/m-Xylene	86		85		70-130	1		30
o-Xylene	86		85		70-130	1		30
cis-1,2-Dichloroethene	88		86		70-130	2		30
Dibromomethane	91		91		70-130	0		30
Styrene	85		84		70-130	1		30
Dichlorodifluoromethane	71		67		30-146	6		30
Acetone	101		99		54-140	2		30
Carbon disulfide	87		85		59-130	2		30
2-Butanone	87		87		70-130	0		30
Vinyl acetate	92		91		70-130	1		30
4-Methyl-2-pentanone	85		85		70-130	0		30
1,2,3-Trichloropropane	89		90		68-130	1		30
2-Hexanone	82		82		70-130	0		30
Bromochloromethane	93		91		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914430

Report Date: 04/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1226413-3 WG1226413-4								
2,2-Dichloropropane	100		98		70-130	2		30
1,2-Dibromoethane	88		87		70-130	1		30
1,3-Dichloropropane	89		87		69-130	2		30
1,1,1,2-Tetrachloroethane	90		88		70-130	2		30
Bromobenzene	89		86		70-130	3		30
n-Butylbenzene	87		86		70-130	1		30
sec-Butylbenzene	86		85		70-130	1		30
tert-Butylbenzene	86		84		70-130	2		30
o-Chlorotoluene	100		100		70-130	0		30
p-Chlorotoluene	87		87		70-130	0		30
1,2-Dibromo-3-chloropropane	87		86		68-130	1		30
Hexachlorobutadiene	91		93		67-130	2		30
Isopropylbenzene	87		86		70-130	1		30
p-Isopropyltoluene	86		85		70-130	1		30
Naphthalene	84		85		70-130	1		30
Acrylonitrile	91		92		70-130	1		30
n-Propylbenzene	87		86		70-130	1		30
1,2,3-Trichlorobenzene	88		89		70-130	1		30
1,2,4-Trichlorobenzene	89		88		70-130	1		30
1,3,5-Trimethylbenzene	87		86		70-130	1		30
1,2,4-Trimethylbenzene	86		85		70-130	1		30
1,4-Dioxane	102		105		65-136	3		30
p-Diethylbenzene	85		85		70-130	0		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Lab Number: L1914430

Project Number: 0010-40

Report Date: 04/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1226413-3 WG1226413-4								
p-Ethyltoluene	87		86		70-130	1		30
1,2,4,5-Tetramethylbenzene	84		83		70-130	1		30
Ethyl ether	94		91		67-130	3		30
trans-1,4-Dichloro-2-butene	91		89		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	114		114		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	108		108		70-130

SEMIVOLATILES

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-01 D
 Client ID: SS-2
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 13:20
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 04/16/19 04:20
 Analyst: ALS
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 04/14/19 00:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1100		ug/kg	760	98.	5
2-Chloronaphthalene	ND		ug/kg	940	94.	5
Fluoranthene	19000		ug/kg	570	110	5
Naphthalene	510	J	ug/kg	940	120	5
Benzo(a)anthracene	9200		ug/kg	570	110	5
Benzo(a)pyrene	8100		ug/kg	760	230	5
Benzo(b)fluoranthene	9400		ug/kg	570	160	5
Benzo(k)fluoranthene	3100		ug/kg	570	150	5
Chrysene	8200		ug/kg	570	98.	5
Acenaphthylene	340	J	ug/kg	760	140	5
Anthracene	6100		ug/kg	570	180	5
Benzo(ghi)perylene	4000		ug/kg	760	110	5
Fluorene	2200		ug/kg	940	92.	5
Phenanthrene	18000		ug/kg	570	110	5
Dibenzo(a,h)anthracene	970		ug/kg	570	110	5
Indeno(1,2,3-cd)pyrene	4600		ug/kg	760	130	5
Pyrene	18000		ug/kg	570	94.	5
2-Methylnaphthalene	480	J	ug/kg	1100	110	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	59		30-120
4-Terphenyl-d14	57		18-120

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-02
 Client ID: SS-3
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 13:50
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 04/16/19 00:09
 Analyst: KR
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 04/14/19 00:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	160		ug/kg	150	20.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
Fluoranthene	1600		ug/kg	120	22.	1
Naphthalene	220		ug/kg	190	23.	1
Benzo(a)anthracene	930		ug/kg	120	22.	1
Benzo(a)pyrene	950		ug/kg	150	47.	1
Benzo(b)fluoranthene	1300		ug/kg	120	32.	1
Benzo(k)fluoranthene	390		ug/kg	120	31.	1
Chrysene	890		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	320		ug/kg	120	37.	1
Benzo(ghi)perylene	550		ug/kg	150	22.	1
Fluorene	210		ug/kg	190	19.	1
Phenanthrene	1100		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	140		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	620		ug/kg	150	27.	1
Pyrene	1400		ug/kg	120	19.	1
2-Methylnaphthalene	360		ug/kg	230	23.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	67		30-120
4-Terphenyl-d14	63		18-120

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-03
 Client ID: SS-4
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 14:20
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 04/16/19 00:35
 Analyst: ALS
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 04/14/19 00:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	65	J	ug/kg	180	23.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
Fluoranthene	56	J	ug/kg	130	25.	1
Naphthalene	3600		ug/kg	220	27.	1
Benzo(a)anthracene	68	J	ug/kg	130	25.	1
Benzo(a)pyrene	94	J	ug/kg	180	54.	1
Benzo(b)fluoranthene	96	J	ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	60	J	ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	52	J	ug/kg	180	26.	1
Fluorene	330		ug/kg	220	21.	1
Phenanthrene	220		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	52	J	ug/kg	180	31.	1
Pyrene	59	J	ug/kg	130	22.	1
2-Methylnaphthalene	12000	E	ug/kg	260	26.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	56		30-120
4-Terphenyl-d14	50		18-120

Project Name: 130 MIDLAND AVENUE**Project Number:** 0010-40**Lab Number:** L1914430**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-03 D
Client ID: SS-4
Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 14:20
Date Received: 04/10/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 04/16/19 11:51
Analyst: HL
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 04/14/19 00:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

2-Methylnaphthalene	12000		ug/kg	530	53.	2

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-06
 Client ID: SS-11
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 16:00
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 04/16/19 01:00
 Analyst: ALS
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 04/14/19 00:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
Fluoranthene	480		ug/kg	110	21.	1
Naphthalene	520		ug/kg	180	23.	1
Benzo(a)anthracene	400		ug/kg	110	21.	1
Benzo(a)pyrene	420		ug/kg	150	45.	1
Benzo(b)fluoranthene	600		ug/kg	110	31.	1
Benzo(k)fluoranthene	190		ug/kg	110	30.	1
Chrysene	470		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	96	J	ug/kg	110	36.	1
Benzo(ghi)perylene	260		ug/kg	150	22.	1
Fluorene	45	J	ug/kg	180	18.	1
Phenanthrene	660		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	74	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	270		ug/kg	150	26.	1
Pyrene	480		ug/kg	110	18.	1
2-Methylnaphthalene	840		ug/kg	220	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	67		30-120
4-Terphenyl-d14	64		18-120

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-07
 Client ID: SS-12
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 16:20
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 04/16/19 01:26
 Analyst: ALS
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 04/14/19 00:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	260		ug/kg	140	19.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
Fluoranthene	3700		ug/kg	110	21.	1
Naphthalene	140	J	ug/kg	180	22.	1
Benzo(a)anthracene	1800		ug/kg	110	20.	1
Benzo(a)pyrene	1800		ug/kg	140	44.	1
Benzo(b)fluoranthene	2400		ug/kg	110	30.	1
Benzo(k)fluoranthene	700		ug/kg	110	29.	1
Chrysene	1700		ug/kg	110	19.	1
Acenaphthylene	220		ug/kg	140	28.	1
Anthracene	730		ug/kg	110	35.	1
Benzo(ghi)perylene	930		ug/kg	140	21.	1
Fluorene	95	J	ug/kg	180	18.	1
Phenanthrene	990		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	250		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1100		ug/kg	140	25.	1
Pyrene	3100		ug/kg	110	18.	1
2-Methylnaphthalene	73	J	ug/kg	220	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	59		30-120
4-Terphenyl-d14	50		18-120

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914430
Report Date: 04/17/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/16/19 03:52
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 04/14/19 00:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06-07 Batch: WG1226238-1					
Acenaphthene	ND		ug/kg	130	17.
2-Chloronaphthalene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	98	19.
Naphthalene	ND		ug/kg	160	20.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
2-Methylnaphthalene	ND		ug/kg	200	20.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	68		18-120



Lab Control Sample Analysis Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914430

Report Date: 04/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-07 Batch: WG1226238-2 WG1226238-3								
Acenaphthene	74		80		31-137	8		50
2-Chloronaphthalene	76		78		40-140	3		50
Fluoranthene	73		77		40-140	5		50
Naphthalene	73		80		40-140	9		50
Benzo(a)anthracene	86		90		40-140	5		50
Benzo(a)pyrene	86		90		40-140	5		50
Benzo(b)fluoranthene	82		86		40-140	5		50
Benzo(k)fluoranthene	87		90		40-140	3		50
Chrysene	83		87		40-140	5		50
Acenaphthylene	77		79		40-140	3		50
Anthracene	76		79		40-140	4		50
Benzo(ghi)perylene	80		84		40-140	5		50
Fluorene	77		83		40-140	8		50
Phenanthrene	73		76		40-140	4		50
Dibenzo(a,h)anthracene	78		81		40-140	4		50
Indeno(1,2,3-cd)pyrene	77		82		40-140	6		50
Pyrene	74		76		35-142	3		50
2-Methylnaphthalene	72		78		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914430

Report Date: 04/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-07 Batch: WG1226238-2 WG1226238-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		91		25-120
Phenol-d6	86		92		10-120
Nitrobenzene-d5	84		92		23-120
2-Fluorobiphenyl	73		72		30-120
2,4,6-Tribromophenol	96		99		10-136
4-Terphenyl-d14	71		71		18-120

METALS

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-01

Date Collected: 04/09/19 13:20

Client ID: SS-2

Date Received: 04/10/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.40		mg/kg	0.456	0.095	1	04/11/19 17:50	04/15/19 22:53	EPA 3050B	1,6010D	MC
Barium, Total	120		mg/kg	0.456	0.079	1	04/11/19 17:50	04/15/19 22:53	EPA 3050B	1,6010D	MC
Cadmium, Total	1.84		mg/kg	0.456	0.045	1	04/11/19 17:50	04/15/19 22:53	EPA 3050B	1,6010D	MC
Chromium, Total	29.2		mg/kg	0.456	0.044	1	04/11/19 17:50	04/15/19 22:53	EPA 3050B	1,6010D	MC
Lead, Total	195		mg/kg	2.28	0.122	1	04/11/19 17:50	04/15/19 22:53	EPA 3050B	1,6010D	MC
Mercury, Total	0.230		mg/kg	0.073	0.015	1	04/12/19 05:20	04/12/19 13:35	EPA 7471B	1,7471B	GD
Selenium, Total	0.570	J	mg/kg	0.913	0.118	1	04/11/19 17:50	04/15/19 22:53	EPA 3050B	1,6010D	MC
Silver, Total	0.155	J	mg/kg	0.456	0.129	1	04/11/19 17:50	04/15/19 22:53	EPA 3050B	1,6010D	MC



Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-02

Date Collected: 04/09/19 13:50

Client ID: SS-3

Date Received: 04/10/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.42		mg/kg	0.445	0.093	1	04/11/19 17:50	04/15/19 22:58	EPA 3050B	1,6010D	MC
Barium, Total	58.3		mg/kg	0.445	0.077	1	04/11/19 17:50	04/15/19 22:58	EPA 3050B	1,6010D	MC
Cadmium, Total	0.987		mg/kg	0.445	0.044	1	04/11/19 17:50	04/15/19 22:58	EPA 3050B	1,6010D	MC
Chromium, Total	14.0		mg/kg	0.445	0.043	1	04/11/19 17:50	04/15/19 22:58	EPA 3050B	1,6010D	MC
Lead, Total	41.0		mg/kg	2.22	0.119	1	04/11/19 17:50	04/15/19 22:58	EPA 3050B	1,6010D	MC
Mercury, Total	0.366		mg/kg	0.073	0.015	1	04/12/19 05:20	04/12/19 13:37	EPA 7471B	1,7471B	GD
Selenium, Total	0.476	J	mg/kg	0.889	0.115	1	04/11/19 17:50	04/15/19 22:58	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.445	0.126	1	04/11/19 17:50	04/15/19 22:58	EPA 3050B	1,6010D	MC



Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-03

Date Collected: 04/09/19 14:20

Client ID: SS-4

Date Received: 04/10/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.55		mg/kg	0.518	0.108	1	04/11/19 17:50	04/15/19 23:02	EPA 3050B	1,6010D	MC
Barium, Total	58.2		mg/kg	0.518	0.090	1	04/11/19 17:50	04/15/19 23:02	EPA 3050B	1,6010D	MC
Cadmium, Total	0.663		mg/kg	0.518	0.051	1	04/11/19 17:50	04/15/19 23:02	EPA 3050B	1,6010D	MC
Chromium, Total	17.1		mg/kg	0.518	0.050	1	04/11/19 17:50	04/15/19 23:02	EPA 3050B	1,6010D	MC
Lead, Total	5.66		mg/kg	2.59	0.139	1	04/11/19 17:50	04/15/19 23:02	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.083	0.018	1	04/12/19 05:20	04/12/19 13:39	EPA 7471B	1,7471B	GD
Selenium, Total	0.280	J	mg/kg	1.04	0.134	1	04/11/19 17:50	04/15/19 23:02	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.518	0.146	1	04/11/19 17:50	04/15/19 23:02	EPA 3050B	1,6010D	MC



Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-06

Date Collected: 04/09/19 16:00

Client ID: SS-11

Date Received: 04/10/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	12.1		mg/kg	0.444	0.092	1	04/11/19 17:50	04/15/19 23:06	EPA 3050B	1,6010D	MC
Barium, Total	150		mg/kg	0.444	0.077	1	04/11/19 17:50	04/15/19 23:06	EPA 3050B	1,6010D	MC
Cadmium, Total	11.2		mg/kg	0.444	0.044	1	04/11/19 17:50	04/15/19 23:06	EPA 3050B	1,6010D	MC
Chromium, Total	24.0		mg/kg	0.444	0.043	1	04/11/19 17:50	04/15/19 23:06	EPA 3050B	1,6010D	MC
Lead, Total	229		mg/kg	2.22	0.119	1	04/11/19 17:50	04/15/19 23:06	EPA 3050B	1,6010D	MC
Mercury, Total	0.211		mg/kg	0.072	0.015	1	04/12/19 05:20	04/12/19 13:41	EPA 7471B	1,7471B	GD
Selenium, Total	1.21		mg/kg	0.889	0.115	1	04/11/19 17:50	04/15/19 23:06	EPA 3050B	1,6010D	MC
Silver, Total	0.422	J	mg/kg	0.444	0.126	1	04/11/19 17:50	04/15/19 23:06	EPA 3050B	1,6010D	MC



Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**SAMPLE RESULTS**

Lab ID: L1914430-07

Date Collected: 04/09/19 16:20

Client ID: SS-12

Date Received: 04/10/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

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											
Arsenic, Total	6.33		mg/kg	0.447	0.093	1	04/11/19 17:50	04/15/19 23:28	EPA 3050B	1,6010D	MC
Barium, Total	341		mg/kg	0.447	0.078	1	04/11/19 17:50	04/15/19 23:28	EPA 3050B	1,6010D	MC
Cadmium, Total	3.19		mg/kg	0.447	0.044	1	04/11/19 17:50	04/15/19 23:28	EPA 3050B	1,6010D	MC
Chromium, Total	52.7		mg/kg	0.447	0.043	1	04/11/19 17:50	04/15/19 23:28	EPA 3050B	1,6010D	MC
Lead, Total	67.4		mg/kg	2.23	0.120	1	04/11/19 17:50	04/15/19 23:28	EPA 3050B	1,6010D	MC
Mercury, Total	0.111		mg/kg	0.071	0.015	1	04/12/19 05:20	04/12/19 13:43	EPA 7471B	1,7471B	GD
Selenium, Total	0.853	J	mg/kg	0.893	0.115	1	04/11/19 17:50	04/15/19 23:28	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.447	0.126	1	04/11/19 17:50	04/15/19 23:28	EPA 3050B	1,6010D	MC



Project Name: 130 MIDLAND AVENUE

Lab Number: L1914430

Project Number: 0010-40

Report Date: 04/17/19

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): 01-03,06-07 Batch: WG1225497-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/11/19 17:50	04/15/19 20:51	1,6010D	MC
Barium, Total	ND		mg/kg	0.400	0.070	1	04/11/19 17:50	04/15/19 20:51	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/11/19 17:50	04/15/19 20:51	1,6010D	MC
Chromium, Total	0.056	J	mg/kg	0.400	0.038	1	04/11/19 17:50	04/15/19 20:51	1,6010D	MC
Lead, Total	ND		mg/kg	2.00	0.107	1	04/11/19 17:50	04/15/19 20:51	1,6010D	MC
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/11/19 17:50	04/15/19 20:51	1,6010D	MC
Silver, Total	ND		mg/kg	0.400	0.113	1	04/11/19 17:50	04/15/19 20:51	1,6010D	MC

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): 01-03,06-07 Batch: WG1225678-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	04/12/19 05:20	04/12/19 12:55	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914430

Report Date: 04/17/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,06-07 Batch: WG1225497-2 SRM Lot Number: D101-540								
Arsenic, Total	104		-		83-117	-		
Barium, Total	98		-		83-118	-		
Cadmium, Total	94		-		83-117	-		
Chromium, Total	98		-		81-118	-		
Lead, Total	99		-		83-117	-		
Selenium, Total	101		-		79-121	-		
Silver, Total	103		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-03,06-07 Batch: WG1225678-2 SRM Lot Number: D101-540								
Mercury, Total	95		-		65-135	-		

Matrix Spike Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Lab Number: L1914430

Project Number: 0010-40

Report Date: 04/17/19

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): 01-03,06-07 QC Batch ID: WG1225497-3 QC Sample: L1914355-01 Client ID: MS Sample												
Arsenic, Total	7.96	11.2	18.7	96		-	-		75-125	-		20
Barium, Total	222	187	390	90		-	-		75-125	-		20
Cadmium, Total	2.73	4.77	6.92	88		-	-		75-125	-		20
Chromium, Total	16.7	18.7	32.3	83		-	-		75-125	-		20
Lead, Total	1060	47.7	554	0	Q	-	-		75-125	-		20
Selenium, Total	0.489J	11.2	10.8	96		-	-		75-125	-		20
Silver, Total	ND	28	27.7	99		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-03,06-07 QC Batch ID: WG1225678-3 QC Sample: L1912971-02 Client ID: MS Sample												
Mercury, Total	0.138	0.144	0.395	178	Q	-	-		80-120	-		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914430

Report Date: 04/17/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,06-07 QC Batch ID: WG1225497-4 QC Sample: L1914355-01 Client ID: DUP Sample						
Arsenic, Total	7.96	6.54	mg/kg	20		20
Barium, Total	222	190	mg/kg	16		20
Cadmium, Total	2.73	2.46	mg/kg	10		20
Chromium, Total	16.7	14.6	mg/kg	13		20
Lead, Total	1060	468	mg/kg	77	Q	20
Selenium, Total	0.489J	0.762J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-03,06-07 QC Batch ID: WG1225678-4 QC Sample: L1912971-02 Client ID: DUP Sample						
Mercury, Total	0.138	0.099	mg/kg	33	Q	20

INORGANICS & MISCELLANEOUS

Project Name: 130 MIDLAND AVENUE**Project Number:** 0010-40**Lab Number:** L1914430**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-01**Client ID:** SS-2**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Date Collected:** 04/09/19 13:20**Date Received:** 04/10/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	04/11/19 09:30	121,2540G	RI



Project Name: 130 MIDLAND AVENUE**Project Number:** 0010-40**Lab Number:** L1914430**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-02**Client ID:** SS-3**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Date Collected:** 04/09/19 13:50**Date Received:** 04/10/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	04/11/19 09:30	121,2540G	RI



Project Name: 130 MIDLAND AVENUE**Project Number:** 0010-40**Lab Number:** L1914430**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-03**Client ID:** SS-4**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Date Collected:** 04/09/19 14:20**Date Received:** 04/10/19**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	75.6		%	0.100	NA	1	-	04/11/19 09:30	121,2540G	RI



Project Name: 130 MIDLAND AVENUE**Project Number:** 0010-40**Lab Number:** L1914430**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-04**Client ID:** SS-9**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Date Collected:** 04/09/19 15:24**Date Received:** 04/10/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.1		%	0.100	NA	1	-	04/11/19 09:30	121,2540G	RI



Project Name: 130 MIDLAND AVENUE**Project Number:** 0010-40**Lab Number:** L1914430**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-05**Client ID:** SS-10**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Date Collected:** 04/09/19 15:05**Date Received:** 04/10/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	04/11/19 09:30	121,2540G	RI



Project Name: 130 MIDLAND AVENUE**Project Number:** 0010-40**Lab Number:** L1914430**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-06**Client ID:** SS-11**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Date Collected:** 04/09/19 16:00**Date Received:** 04/10/19**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	87.4		%	0.100	NA	1	-	04/11/19 09:30	121,2540G	RI



Project Name: 130 MIDLAND AVENUE**Project Number:** 0010-40**Lab Number:** L1914430**Report Date:** 04/17/19**SAMPLE RESULTS****Lab ID:** L1914430-07**Client ID:** SS-12**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Date Collected:** 04/09/19 16:20**Date Received:** 04/10/19**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	89.2		%	0.100	NA	1	-	04/11/19 09:30	121,2540G	RI



Lab Duplicate Analysis
*Batch Quality Control***Project Name:** 130 MIDLAND AVENUE**Project Number:** 0010-40**Lab Number:** L1914430**Report Date:** 04/17/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1225342-1 QC Sample: L1914430-01 Client ID: SS-2						
Solids, Total	86.0	85.7	%	0		20

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19**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(*)
L1914430-01A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1914430-01B	Vial water preserved	A	NA		4.2	Y	Absent	11-APR-19 06:15	NYTCL-8260HLW(14)
L1914430-01C	Vial water preserved	A	NA		4.2	Y	Absent	11-APR-19 06:15	NYTCL-8260HLW(14)
L1914430-01D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L1914430-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1914430-01F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14)
L1914430-02A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1914430-02B	Vial water preserved	A	NA		4.2	Y	Absent	11-APR-19 06:15	NYTCL-8260HLW(14)
L1914430-02C	Vial water preserved	A	NA		4.2	Y	Absent	11-APR-19 06:15	NYTCL-8260HLW(14)
L1914430-02D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L1914430-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1914430-02F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14)
L1914430-03A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1914430-03B	Vial water preserved	A	NA		4.2	Y	Absent	11-APR-19 06:15	NYTCL-8260HLW(14)
L1914430-03C	Vial water preserved	A	NA		4.2	Y	Absent	11-APR-19 06:15	NYTCL-8260HLW(14)
L1914430-03D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L1914430-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1914430-03F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14)
L1914430-04A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1914430-04B	Vial water preserved	A	NA		4.2	Y	Absent	11-APR-19 06:15	NYTCL-8260HLW(14)

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Serial_No:04171915:13
Lab Number: L1914430
Report Date: 04/17/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1914430-04C	Vial water preserved	A	NA		4.2	Y	Absent	11-APR-19 06:15	NYTCL-8260HLW(14)
L1914430-04D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L1914430-05A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1914430-05B	Vial water preserved	A	NA		4.2	Y	Absent	11-APR-19 06:15	NYTCL-8260HLW(14)
L1914430-05C	Vial water preserved	A	NA		4.2	Y	Absent	11-APR-19 06:15	NYTCL-8260HLW(14)
L1914430-05D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L1914430-06A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1914430-06B	Vial water preserved	A	NA		4.2	Y	Absent	11-APR-19 06:15	NYTCL-8260HLW(14)
L1914430-06C	Vial water preserved	A	NA		4.2	Y	Absent	11-APR-19 06:15	NYTCL-8260HLW(14)
L1914430-06D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L1914430-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1914430-06F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14)
L1914430-07A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L1914430-07B	Vial water preserved	A	NA		4.2	Y	Absent	11-APR-19 06:15	NYTCL-8260HLW(14)
L1914430-07C	Vial water preserved	A	NA		4.2	Y	Absent	11-APR-19 06:15	NYTCL-8260HLW(14)
L1914430-07D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L1914430-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1914430-07F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14)

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19

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.
LCS D	- 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.
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.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914430**Project Number:** 0010-40**Report Date:** 04/17/19

- 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.

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.

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.

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 Condensation Product".
- 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.
- 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 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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914430
Report Date: 04/17/19

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**Revision **12**

Published Date: 10/9/2018 4:58:19 PM

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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**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 6860:** SCM: Perchlorate**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-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.

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

4/10/19

61914430

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ANALYTICAL REPORT

Lab Number:	L1914429
Client:	Lisko Environmental, LLC 1300 Main Street Belmar, NJ 07719
ATTN:	Jonathan Lisko
Phone:	(732) 996-4792
Project Name:	130 MIDLAND AVENUE
Project Number:	0010-40
Report Date:	04/18/19

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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914429
Report Date: 04/18/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1914429-01	TMW-1	WATER	130 MIDLAND AVE., PORT CHESTER, NY	04/09/19 10:53	04/10/19
L1914429-02	TMW-2	WATER	130 MIDLAND AVE., PORT CHESTER, NY	04/09/19 13:25	04/10/19
L1914429-03	TMW-3	WATER	130 MIDLAND AVE., PORT CHESTER, NY	04/09/19 13:35	04/10/19
L1914429-04	TMW-4	WATER	130 MIDLAND AVE., PORT CHESTER, NY	04/09/19 13:10	04/10/19
L1914429-05	TMW-9	WATER	130 MIDLAND AVE., PORT CHESTER, NY	04/09/19 16:05	04/10/19
L1914429-06	TMW-10	WATER	130 MIDLAND AVE., PORT CHESTER, NY	04/09/19 13:45	04/10/19
L1914429-07	TMW-12	WATER	130 MIDLAND AVE., PORT CHESTER, NY	04/09/19 16:22	04/10/19

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914429
Report Date: 04/18/19

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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914429
Report Date: 04/18/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

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:



Amita Naik

Title: Technical Director/Representative

Date: 04/18/19

ORGANICS

VOLATILES

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914429-01
 Client ID: TMW-1
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 10:53
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 04/13/19 16:07
 Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-01**Date Collected:** 04/09/19 10:53**Client ID:** TMW-1**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	6.1		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: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-01**Date Collected:** 04/09/19 10:53**Client ID:** TMW-1**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	105		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914429-02
 Client ID: TMW-2
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 13:25
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 04/13/19 16:29
 Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-02**Date Collected:** 04/09/19 13:25**Client ID:** TMW-2**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	2.4	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-02**Date Collected:** 04/09/19 13:25**Client ID:** TMW-2**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914429-03
 Client ID: TMW-3
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 13:35
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 04/13/19 16:51
 Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-03**Date Collected:** 04/09/19 13:35**Client ID:** TMW-3**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	0.97	J	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	2.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-03**Date Collected:** 04/09/19 13:35**Client ID:** TMW-3**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914429-04
 Client ID: TMW-4
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 13:10
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 04/13/19 17:13
 Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.32	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	26		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: 130 MIDLAND AVENUE

Lab Number: L1914429

Project Number: 0010-40

Report Date: 04/18/19

SAMPLE RESULTS

Lab ID: L1914429-04

Date Collected: 04/09/19 13:10

Client ID: TMW-4

Date Received: 04/10/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, 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	36		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	36		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	16		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	6.3		ug/l	2.5	0.70	1
sec-Butylbenzene	4.5		ug/l	2.5	0.70	1
tert-Butylbenzene	0.72	J	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	9.4		ug/l	2.5	0.70	1
p-Isopropyltoluene	6.6		ug/l	2.5	0.70	1
Naphthalene	20		ug/l	2.5	0.70	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-04**Date Collected:** 04/09/19 13:10**Client ID:** TMW-4**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	15		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	15		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	160		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	11		ug/l	2.0	0.70	1
p-Ethyltoluene	20		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	21		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914429-05
 Client ID: TMW-9
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 16:05
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 04/13/19 17:35
 Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.8		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: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-05**Date Collected:** 04/09/19 16:05**Client ID:** TMW-9**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	1.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-05**Date Collected:** 04/09/19 16:05**Client ID:** TMW-9**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	104		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914429-06
 Client ID: TMW-10
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 13:45
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 04/13/19 17:57
 Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.12	J	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: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-06**Date Collected:** 04/09/19 13:45**Client ID:** TMW-10**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	3.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-06**Date Collected:** 04/09/19 13:45**Client ID:** TMW-10**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914429-07
 Client ID: TMW-12
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 16:22
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 04/13/19 18:19
 Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-07**Date Collected:** 04/09/19 16:22**Client ID:** TMW-12**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	2.1	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-07**Date Collected:** 04/09/19 16:22**Client ID:** TMW-12**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: 130 MIDLAND AVENUE

Lab Number: L1914429

Project Number: 0010-40

Report Date: 04/18/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 04/13/19 11:47

Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1226304-5					
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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914429
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 04/13/19 11:47
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1226304-5					
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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914429
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 04/13/19 11:47
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1226304-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914429

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1226304-3 WG1226304-4								
Methylene chloride	99		90		70-130	10		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	96		98		70-130	2		20
Carbon tetrachloride	93		96		63-132	3		20
1,2-Dichloropropane	97		110		70-130	13		20
Dibromochloromethane	97		100		63-130	3		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	90		100		62-150	11		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	92		100		67-130	8		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	95		99		70-130	4		20
cis-1,3-Dichloropropene	99		100		70-130	1		20
1,1-Dichloropropene	97		100		70-130	3		20
Bromoform	98		100		54-136	2		20
1,1,2,2-Tetrachloroethane	92		100		67-130	8		20
Benzene	100		100		70-130	0		20
Toluene	97		100		70-130	3		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	87		83		64-130	5		20
Bromomethane	80		88		39-139	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914429

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1226304-3 WG1226304-4								
Vinyl chloride	87		84		55-140	4		20
Chloroethane	95		96		55-138	1		20
1,1-Dichloroethene	84		93		61-145	10		20
trans-1,2-Dichloroethene	88		91		70-130	3		20
Trichloroethene	96		100		70-130	4		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	80		90		63-130	12		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	91		96		70-130	5		20
Dibromomethane	100		110		70-130	10		20
1,2,3-Trichloropropane	100		110		64-130	10		20
Acrylonitrile	99		110		70-130	11		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	62		63		36-147	2		20
Acetone	100		110		58-148	10		20
Carbon disulfide	85		92		51-130	8		20
2-Butanone	78		110		63-138	34	Q	20
Vinyl acetate	82		86		70-130	5		20
4-Methyl-2-pentanone	92		100		59-130	8		20
2-Hexanone	84		94		57-130	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914429

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1226304-3 WG1226304-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	85		85		63-133	0		20
1,2-Dibromoethane	96		100		70-130	4		20
1,3-Dichloropropane	100		110		70-130	10		20
1,1,1,2-Tetrachloroethane	99		100		64-130	1		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	86		89		70-130	3		20
o-Chlorotoluene	98		100		70-130	2		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	92		100		41-144	8		20
Hexachlorobutadiene	97		100		63-130	3		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		110		70-130	10		20
Naphthalene	99		110		70-130	11		20
n-Propylbenzene	100		110		69-130	10		20
1,2,3-Trichlorobenzene	110		120		70-130	9		20
1,2,4-Trichlorobenzene	110		120		70-130	9		20
1,3,5-Trimethylbenzene	100		110		64-130	10		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
1,4-Dioxane	200	Q	220	Q	56-162	10		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914429

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1226304-3 WG1226304-4								
p-Ethyltoluene	100		110		70-130	10		20
1,2,4,5-Tetramethylbenzene	97		100		70-130	3		20
Ethyl ether	89		91		59-134	2		20
trans-1,4-Dichloro-2-butene	82		90		70-130	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		103		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	102		102		70-130

SEMIVOLATILES

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914429-02
 Client ID: TMW-2
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 13:25
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 04/18/19 09:32
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 04/14/19 10:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.44	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Hexachlorobenzene	ND		ug/l	2.0	0.46	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
2-Chloronaphthalene	ND		ug/l	2.0	0.44	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
Fluoranthene	ND		ug/l	2.0	0.26	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
Hexachlorobutadiene	ND		ug/l	2.0	0.66	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Hexachloroethane	ND		ug/l	2.0	0.58	1
Isophorone	ND		ug/l	5.0	1.2	1
Naphthalene	ND		ug/l	2.0	0.46	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	5.6		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	0.47	J	ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-02**Date Collected:** 04/09/19 13:25**Client ID:** TMW-2**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.41	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37	1
Chrysene	ND		ug/l	2.0	0.34	1
Acenaphthylene	ND		ug/l	2.0	0.46	1
Anthracene	ND		ug/l	2.0	0.33	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.30	1
Fluorene	ND		ug/l	2.0	0.41	1
Phenanthrene	ND		ug/l	2.0	0.33	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.28	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
Dibenzofuran	ND		ug/l	2.0	0.50	1
2-Methylnaphthalene	ND		ug/l	2.0	0.45	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
Pentachlorophenol	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

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-02**Date Collected:** 04/09/19 13:25**Client ID:** TMW-2**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	87		41-149

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914429-03
 Client ID: TMW-3
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 13:35
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 04/18/19 09:59
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 04/14/19 10:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.44	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Hexachlorobenzene	ND		ug/l	2.0	0.46	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
2-Chloronaphthalene	ND		ug/l	2.0	0.44	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
Fluoranthene	ND		ug/l	2.0	0.26	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
Hexachlorobutadiene	ND		ug/l	2.0	0.66	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Hexachloroethane	ND		ug/l	2.0	0.58	1
Isophorone	ND		ug/l	5.0	1.2	1
Naphthalene	ND		ug/l	2.0	0.46	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	3.6		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

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-03**Date Collected:** 04/09/19 13:35**Client ID:** TMW-3**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.41	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37	1
Chrysene	ND		ug/l	2.0	0.34	1
Acenaphthylene	ND		ug/l	2.0	0.46	1
Anthracene	ND		ug/l	2.0	0.33	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.30	1
Fluorene	ND		ug/l	2.0	0.41	1
Phenanthrene	ND		ug/l	2.0	0.33	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.28	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
Dibenzofuran	ND		ug/l	2.0	0.50	1
2-Methylnaphthalene	ND		ug/l	2.0	0.45	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
Pentachlorophenol	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

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-03**Date Collected:** 04/09/19 13:35**Client ID:** TMW-3**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	101		41-149

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914429-04 D
 Client ID: TMW-4
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 13:10
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 04/18/19 10:26
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 04/14/19 10:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	12.	J	ug/l	20	4.4	10
1,2,4-Trichlorobenzene	ND		ug/l	50	5.0	10
Hexachlorobenzene	ND		ug/l	20	4.6	10
Bis(2-chloroethyl)ether	ND		ug/l	20	5.0	10
2-Chloronaphthalene	ND		ug/l	20	4.4	10
1,2-Dichlorobenzene	ND		ug/l	20	4.5	10
1,3-Dichlorobenzene	ND		ug/l	20	4.0	10
1,4-Dichlorobenzene	ND		ug/l	20	4.3	10
3,3'-Dichlorobenzidine	ND		ug/l	50	16.	10
2,4-Dinitrotoluene	ND		ug/l	50	12.	10
2,6-Dinitrotoluene	ND		ug/l	50	9.3	10
Fluoranthene	ND		ug/l	20	2.6	10
4-Chlorophenyl phenyl ether	ND		ug/l	20	4.9	10
4-Bromophenyl phenyl ether	ND		ug/l	20	3.8	10
Bis(2-chloroisopropyl)ether	ND		ug/l	20	5.3	10
Bis(2-chloroethoxy)methane	ND		ug/l	50	5.0	10
Hexachlorobutadiene	ND		ug/l	20	6.6	10
Hexachlorocyclopentadiene	ND		ug/l	200	6.9	10
Hexachloroethane	ND		ug/l	20	5.8	10
Isophorone	ND		ug/l	50	12.	10
Naphthalene	28.		ug/l	20	4.6	10
Nitrobenzene	ND		ug/l	20	7.7	10
NDPA/DPA	ND		ug/l	20	4.2	10
n-Nitrosodi-n-propylamine	ND		ug/l	50	6.4	10
Bis(2-ethylhexyl)phthalate	ND		ug/l	30	15.	10
Butyl benzyl phthalate	ND		ug/l	50	12.	10
Di-n-butylphthalate	ND		ug/l	50	3.9	10
Di-n-octylphthalate	ND		ug/l	50	13.	10

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914429-04 D
 Client ID: TMW-4
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 13:10
 Date Received: 04/10/19
 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/l	50	3.8	10
Dimethyl phthalate	ND		ug/l	50	18.	10
Benzo(a)anthracene	ND		ug/l	20	3.2	10
Benzo(a)pyrene	ND		ug/l	20	4.1	10
Benzo(b)fluoranthene	ND		ug/l	20	3.5	10
Benzo(k)fluoranthene	ND		ug/l	20	3.7	10
Chrysene	ND		ug/l	20	3.4	10
Acenaphthylene	ND		ug/l	20	4.6	10
Anthracene	ND		ug/l	20	3.3	10
Benzo(ghi)perylene	ND		ug/l	20	3.0	10
Fluorene	39.		ug/l	20	4.1	10
Phenanthrene	19.	J	ug/l	20	3.3	10
Dibenzo(a,h)anthracene	ND		ug/l	20	3.2	10
Indeno(1,2,3-cd)pyrene	ND		ug/l	20	4.0	10
Pyrene	ND		ug/l	20	2.8	10
Biphenyl	ND		ug/l	20	4.6	10
4-Chloroaniline	ND		ug/l	50	11.	10
2-Nitroaniline	ND		ug/l	50	5.0	10
3-Nitroaniline	ND		ug/l	50	8.1	10
4-Nitroaniline	ND		ug/l	50	8.0	10
Dibenzofuran	16.	J	ug/l	20	5.0	10
2-Methylnaphthalene	970		ug/l	20	4.5	10
1,2,4,5-Tetrachlorobenzene	ND		ug/l	100	4.4	10
Acetophenone	ND		ug/l	50	5.3	10
2,4,6-Trichlorophenol	ND		ug/l	50	6.1	10
p-Chloro-m-cresol	ND		ug/l	20	3.5	10
2-Chlorophenol	ND		ug/l	20	4.8	10
2,4-Dichlorophenol	ND		ug/l	50	4.1	10
2,4-Dimethylphenol	ND		ug/l	50	18.	10
2-Nitrophenol	ND		ug/l	100	8.5	10
4-Nitrophenol	ND		ug/l	100	6.7	10
2,4-Dinitrophenol	ND		ug/l	200	66.	10
4,6-Dinitro-o-cresol	ND		ug/l	100	18.	10
Pentachlorophenol	ND		ug/l	100	18.	10
Phenol	ND		ug/l	50	5.7	10
2-Methylphenol	ND		ug/l	50	4.9	10
3-Methylphenol/4-Methylphenol	ND		ug/l	50	4.8	10

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914429-04 D

Date Collected: 04/09/19 13:10

Client ID: TMW-4

Date Received: 04/10/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, 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/l	50	7.7	10
Benzoic Acid	ND		ug/l	500	26.	10
Benzyl Alcohol	ND		ug/l	20	5.9	10
Carbazole	ND		ug/l	20	4.9	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	144	Q	23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	33		10-120
4-Terphenyl-d14	104		41-149

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914429-07
 Client ID: TMW-12
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 16:22
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 04/18/19 10:54
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 04/14/19 10:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.44	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Hexachlorobenzene	ND		ug/l	2.0	0.46	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
2-Chloronaphthalene	ND		ug/l	2.0	0.44	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
Fluoranthene	0.61	J	ug/l	2.0	0.26	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
Hexachlorobutadiene	ND		ug/l	2.0	0.66	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Hexachloroethane	ND		ug/l	2.0	0.58	1
Isophorone	ND		ug/l	5.0	1.2	1
Naphthalene	ND		ug/l	2.0	0.46	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	2.5	J	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

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-07**Date Collected:** 04/09/19 16:22**Client ID:** TMW-12**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Benzo(a)anthracene	0.32	J	ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.41	1
Benzo(b)fluoranthene	0.41	J	ug/l	2.0	0.35	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37	1
Chrysene	ND		ug/l	2.0	0.34	1
Acenaphthylene	ND		ug/l	2.0	0.46	1
Anthracene	ND		ug/l	2.0	0.33	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.30	1
Fluorene	ND		ug/l	2.0	0.41	1
Phenanthrene	ND		ug/l	2.0	0.33	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40	1
Pyrene	0.68	J	ug/l	2.0	0.28	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
Dibenzofuran	ND		ug/l	2.0	0.50	1
2-Methylnaphthalene	ND		ug/l	2.0	0.45	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
Pentachlorophenol	ND		ug/l	10	1.8	1
Phenol	0.83	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

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914429-07**Date Collected:** 04/09/19 16:22**Client ID:** TMW-12**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	99		41-149

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914429
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/15/19 11:40
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/14/19 10:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-04,07 Batch: WG1226267-1					
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	2.1	J	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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914429
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/15/19 11:40
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/14/19 10:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-04,07 Batch: WG1226267-1					
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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914429
Report Date: 04/18/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/15/19 11:40
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/14/19 10:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-04,07 Batch: WG1226267-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	73		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914429

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07 Batch: WG1226267-2 WG1226267-3								
Acenaphthene	61		64		37-111	5		30
1,2,4-Trichlorobenzene	65		65		39-98	0		30
Hexachlorobenzene	68		67		40-140	1		30
Bis(2-chloroethyl)ether	66		66		40-140	0		30
2-Chloronaphthalene	65		66		40-140	2		30
1,2-Dichlorobenzene	64		66		40-140	3		30
1,3-Dichlorobenzene	63		62		40-140	2		30
1,4-Dichlorobenzene	63		65		36-97	3		30
3,3'-Dichlorobenzidine	45		50		40-140	11		30
2,4-Dinitrotoluene	66		66		48-143	0		30
2,6-Dinitrotoluene	74		74		40-140	0		30
Fluoranthene	63		61		40-140	3		30
4-Chlorophenyl phenyl ether	66		69		40-140	4		30
4-Bromophenyl phenyl ether	73		74		40-140	1		30
Bis(2-chloroisopropyl)ether	61		63		40-140	3		30
Bis(2-chloroethoxy)methane	70		72		40-140	3		30
Hexachlorobutadiene	58		66		40-140	13		30
Hexachlorocyclopentadiene	63		64		40-140	2		30
Hexachloroethane	63		67		40-140	6		30
Isophorone	74		71		40-140	4		30
Naphthalene	61		63		40-140	3		30
Nitrobenzene	65		69		40-140	6		30
NDPA/DPA	68		68		40-140	0		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914429

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07 Batch: WG1226267-2 WG1226267-3								
n-Nitrosodi-n-propylamine	69		71		29-132	3		30
Bis(2-ethylhexyl)phthalate	97		95		40-140	2		30
Butyl benzyl phthalate	79		78		40-140	1		30
Di-n-butylphthalate	78		80		40-140	3		30
Di-n-octylphthalate	88		89		40-140	1		30
Diethyl phthalate	73		74		40-140	1		30
Dimethyl phthalate	64		64		40-140	0		30
Benzo(a)anthracene	69		68		40-140	1		30
Benzo(a)pyrene	60		60		40-140	0		30
Benzo(b)fluoranthene	66		66		40-140	0		30
Benzo(k)fluoranthene	57		59		40-140	3		30
Chrysene	64		61		40-140	5		30
Acenaphthylene	69		67		45-123	3		30
Anthracene	62		63		40-140	2		30
Benzo(ghi)perylene	56		56		40-140	0		30
Fluorene	66		67		40-140	2		30
Phenanthrene	58		59		40-140	2		30
Dibenzo(a,h)anthracene	62		60		40-140	3		30
Indeno(1,2,3-cd)pyrene	59		61		40-140	3		30
Pyrene	62		60		26-127	3		30
Biphenyl	73		73		40-140	0		30
4-Chloroaniline	26	Q	32	Q	40-140	21		30
2-Nitroaniline	68		68		52-143	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914429

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07 Batch: WG1226267-2 WG1226267-3								
3-Nitroaniline	47		48		25-145	2		30
4-Nitroaniline	57		55		51-143	4		30
Dibenzofuran	62		64		40-140	3		30
2-Methylnaphthalene	64		66		40-140	3		30
1,2,4,5-Tetrachlorobenzene	69		69		2-134	0		30
Acetophenone	75		75		39-129	0		30
2,4,6-Trichlorophenol	69		66		30-130	4		30
p-Chloro-m-cresol	66		67		23-97	2		30
2-Chlorophenol	64		63		27-123	2		30
2,4-Dichlorophenol	71		72		30-130	1		30
2,4-Dimethylphenol	50		43		30-130	15		30
2-Nitrophenol	75		74		30-130	1		30
4-Nitrophenol	44		41		10-80	7		30
2,4-Dinitrophenol	70		68		20-130	3		30
4,6-Dinitro-o-cresol	65		67		20-164	3		30
Pentachlorophenol	69		66		9-103	4		30
Phenol	48		47		12-110	2		30
2-Methylphenol	63		58		30-130	8		30
3-Methylphenol/4-Methylphenol	64		64		30-130	0		30
2,4,5-Trichlorophenol	65		66		30-130	2		30
Benzoic Acid	58		55		10-164	5		30
Benzyl Alcohol	51		51		26-116	0		30
Carbazole	63		64		55-144	2		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 130 MIDLAND AVENUE**Project Number:** 0010-40**Lab Number:** L1914429**Report Date:** 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07 Batch: WG1226267-2 WG1226267-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		55		21-120
Phenol-d6	47		46		10-120
Nitrobenzene-d5	64		64		23-120
2-Fluorobiphenyl	65		66		15-120
2,4,6-Tribromophenol	72		68		10-120
4-Terphenyl-d14	63		63		41-149

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19**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(*)
L1914429-01A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-01B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-01C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-02A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-02B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-02C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-02D	Amber 250ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8270-LVI(7)
L1914429-02E	Amber 250ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8270-LVI(7)
L1914429-03A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-03B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-03C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-03D	Amber 250ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8270-LVI(7)
L1914429-03E	Amber 250ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8270-LVI(7)
L1914429-04A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-04B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-04C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-04D	Amber 250ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8270-LVI(7)
L1914429-04E	Amber 250ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8270-LVI(7)
L1914429-05A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-05B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-05C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-06A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-06B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Serial_No:04181914:18
Lab Number: L1914429
Report Date: 04/18/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1914429-06C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-07A	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-07B	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-07C	Vial HCl preserved	A	NA		3.9	Y	Absent		NYTCL-8260(14)
L1914429-07D	Amber 250ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8270-LVI(7)
L1914429-07E	Amber 250ml unpreserved	A	7	7	3.9	Y	Absent		NYTCL-8270-LVI(7)

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19

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.
LCS D	- 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.
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.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914429**Project Number:** 0010-40**Report Date:** 04/18/19

- 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.

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.

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.

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 Condensation Product".
- 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.
- 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 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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914429
Report Date: 04/18/19

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 12

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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**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 6860:** SCM: Perchlorate**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-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 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 4/10/19		ALPHA Job # L1914429																																																																																																																																																																															
		Project Information Project Name: <u>130 MIDLAND AVENUE</u> Project Location: <u>130 MIDLAND AVE, POPE CHESTER, NY</u> Project # <u>0010-40</u> (Use Project name as Project #) ☐				Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other				Billing Information ☐ Same as Client Info PO #																																																																																																																																																																													
		Client Information Client: <u>LISKO ENV. LLC</u> Address: <u>1300 MAIN ST, BOX 083</u> <u>BELMAR, NJ 07719</u> Phone: <u>732-312-7316</u> Fax: Email: <u>KHALIL@LISKOENV.COM</u>				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:																																																																																																																																																																													
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O 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 V A										Preservative B A										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.)																																																																																																																																					
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ANALYTICAL REPORT

Lab Number:	L1914727
Client:	Lisko Environmental, LLC 1300 Main Street Belmar, NJ 07719
ATTN:	Jonathan Lisko
Phone:	(732) 996-4792
Project Name:	130 MIDLAND AVENUE
Project Number:	0010-40
Report Date:	04/18/19

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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1914727-01	SS-5	SOIL	130 MIDLAND AVE., PORT CHESTER, NY	04/10/19 10:08	04/11/19
L1914727-02	SS-6	SOIL	130 MIDLAND AVE., PORT CHESTER, NY	04/10/19 10:36	04/11/19
L1914727-03	SS-7	SOIL	130 MIDLAND AVE., PORT CHESTER, NY	04/10/19 10:45	04/11/19
L1914727-04	SS-8	SOIL	130 MIDLAND AVE., PORT CHESTER, NY	04/10/19 09:30	04/11/19
L1914727-05	TMW-5	WATER	130 MIDLAND AVE., PORT CHESTER, NY	04/10/19 10:50	04/11/19
L1914727-06	TMW-8	WATER	130 MIDLAND AVE., PORT CHESTER, NY	04/10/19 09:35	04/11/19

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1914727-01: The sample has elevated detection limits due to the dilution required by the sample matrix.

Semivolatile Organics by SIM

L1914727-05 and -06: The sample has elevated detection limits due to the dilution required by the sample matrix.

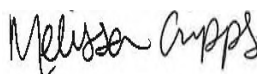
Total Metals

The WG1227006-3 MS recovery, performed on L1914727-01, is outside the acceptance criteria for cadmium (145%). A post digestion spike was performed and yielded an unacceptable recovery for cadmium (77%). 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.

The WG1227006-3 MS recoveries, performed on L1914727-01, are outside the acceptance criteria for chromium (51%) and lead (7%). A post digestion spike was performed and yielded unacceptable recoveries for chromium (70%) and lead (65%). The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

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 Cripps

Title: Technical Director/Representative

Date: 04/18/19

ORGANICS

VOLATILES

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-01
 Client ID: SS-5
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 10:08
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/17/19 08:37
 Analyst: MV
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	280	130	1
1,1-Dichloroethane	ND		ug/kg	55	8.0	1
Chloroform	ND		ug/kg	83	7.7	1
Carbon tetrachloride	ND		ug/kg	55	13.	1
1,2-Dichloropropane	ND		ug/kg	55	6.9	1
Dibromochloromethane	ND		ug/kg	55	7.7	1
1,1,2-Trichloroethane	ND		ug/kg	55	15.	1
Tetrachloroethene	ND		ug/kg	28	11.	1
Chlorobenzene	ND		ug/kg	28	7.0	1
Trichlorofluoromethane	ND		ug/kg	220	38.	1
1,2-Dichloroethane	ND		ug/kg	55	14.	1
1,1,1-Trichloroethane	ND		ug/kg	28	9.2	1
Bromodichloromethane	ND		ug/kg	28	6.0	1
trans-1,3-Dichloropropene	ND		ug/kg	55	15.	1
cis-1,3-Dichloropropene	ND		ug/kg	28	8.7	1
1,3-Dichloropropene, Total	ND		ug/kg	28	8.7	1
1,1-Dichloropropene	ND		ug/kg	28	8.8	1
Bromoform	ND		ug/kg	220	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	28	9.2	1
Benzene	ND		ug/kg	28	9.2	1
Toluene	ND		ug/kg	55	30.	1
Ethylbenzene	8.7	J	ug/kg	55	7.8	1
Chloromethane	ND		ug/kg	220	51.	1
Bromomethane	67	J	ug/kg	110	32.	1
Vinyl chloride	ND		ug/kg	55	18.	1
Chloroethane	ND		ug/kg	110	25.	1
1,1-Dichloroethene	ND		ug/kg	55	13.	1
trans-1,2-Dichloroethene	ND		ug/kg	83	7.6	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-01**Date Collected:** 04/10/19 10:08**Client ID:** SS-5**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	28	7.6	1
1,2-Dichlorobenzene	ND		ug/kg	110	7.9	1
1,3-Dichlorobenzene	ND		ug/kg	110	8.2	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.4	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	ND		ug/kg	110	31.	1
o-Xylene	ND		ug/kg	55	16.	1
Xylenes, Total	ND		ug/kg	55	16.	1
cis-1,2-Dichloroethene	ND		ug/kg	55	9.6	1
1,2-Dichloroethene, Total	ND		ug/kg	55	7.6	1
Dibromomethane	ND		ug/kg	110	13.	1
Styrene	ND		ug/kg	55	11.	1
Dichlorodifluoromethane	ND		ug/kg	550	50.	1
Acetone	ND		ug/kg	550	260	1
Carbon disulfide	ND		ug/kg	550	250	1
2-Butanone	ND		ug/kg	550	120	1
Vinyl acetate	ND		ug/kg	550	120	1
4-Methyl-2-pentanone	ND		ug/kg	550	70.	1
1,2,3-Trichloropropane	ND		ug/kg	110	7.0	1
2-Hexanone	ND		ug/kg	550	65.	1
Bromochloromethane	ND		ug/kg	110	11.	1
2,2-Dichloropropane	ND		ug/kg	110	11.	1
1,2-Dibromoethane	ND		ug/kg	55	15.	1
1,3-Dichloropropane	ND		ug/kg	110	9.2	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	28	7.3	1
Bromobenzene	ND		ug/kg	110	8.0	1
n-Butylbenzene	ND		ug/kg	55	9.2	1
sec-Butylbenzene	ND		ug/kg	55	8.0	1
tert-Butylbenzene	ND		ug/kg	110	6.5	1
o-Chlorotoluene	ND		ug/kg	110	10.	1
p-Chlorotoluene	ND		ug/kg	110	6.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	160	55.	1
Hexachlorobutadiene	ND		ug/kg	220	9.3	1
Isopropylbenzene	ND		ug/kg	55	6.0	1
p-Isopropyltoluene	ND		ug/kg	55	6.0	1
Naphthalene	990		ug/kg	220	36.	1
Acrylonitrile	ND		ug/kg	220	63.	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-01**Date Collected:** 04/10/19 10:08**Client ID:** SS-5**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	55	9.4	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	15.	1
1,3,5-Trimethylbenzene	ND		ug/kg	110	11.	1
1,2,4-Trimethylbenzene	ND		ug/kg	110	18.	1
1,4-Dioxane	ND		ug/kg	4400	1900	1
p-Diethylbenzene	16	J	ug/kg	110	9.8	1
p-Ethyltoluene	ND		ug/kg	110	21.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	110	10.	1
Ethyl ether	ND		ug/kg	110	19.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	280	78.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	94		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-02
 Client ID: SS-6
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 10:36
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/17/19 09:55
 Analyst: KJD
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	0.70		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 130 MIDLAND AVENUE

Lab Number: L1914727

Project Number: 0010-40

Report Date: 04/18/19

SAMPLE RESULTS

Lab ID: L1914727-02

Date Collected: 04/10/19 10:36

Client ID: SS-6

Date Received: 04/11/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, 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	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	8.5	J	ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	0.14	J	ug/kg	0.95	0.10	1
Naphthalene	2.1	J	ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-02**Date Collected:** 04/10/19 10:36**Client ID:** SS-6**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	0.95	0.16	1
1,2,3-Trichlorobenzene	0.59	J	ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	0.39	J	ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	0.36	J	ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	34.	1
p-Diethylbenzene	1.1	J	ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	0.54	J	ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	95		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-03
 Client ID: SS-7
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 10:45
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/17/19 10:21
 Analyst: KJD
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.67	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.73	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.4	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-03**Date Collected:** 04/10/19 10:45**Client ID:** SS-7**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	70		ug/kg	13	6.5	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	8.8	J	ug/kg	13	3.0	1
Vinyl acetate	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.67	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.3	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.15	1
Naphthalene	ND		ug/kg	5.4	0.88	1
Acrylonitrile	ND		ug/kg	5.4	1.5	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-03**Date Collected:** 04/10/19 10:45**Client ID:** SS-7**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	99		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-04
 Client ID: SS-8
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 09:30
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 04/17/19 10:47
 Analyst: KJD
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-04**Date Collected:** 04/10/19 09:30**Client ID:** SS-8**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	0.54	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	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	7.0	J	ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	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	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	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	0.18	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	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-04**Date Collected:** 04/10/19 09:30**Client ID:** SS-8**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	0.35	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	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	98		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-05
 Client ID: TMW-5
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 10:50
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 04/15/19 16:08
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-05**Date Collected:** 04/10/19 10:50**Client ID:** TMW-5**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-05**Date Collected:** 04/10/19 10:50**Client ID:** TMW-5**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-06
 Client ID: TMW-8
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 09:35
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 04/15/19 16:38
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	3.9		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: 130 MIDLAND AVENUE

Lab Number: L1914727

Project Number: 0010-40

Report Date: 04/18/19

SAMPLE RESULTS

Lab ID: L1914727-06

Date Collected: 04/10/19 09:35

Client ID: TMW-8

Date Received: 04/11/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, 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	18		ug/l	5.0	1.5	1
Carbon disulfide	1.2	J	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: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-06**Date Collected:** 04/10/19 09:35**Client ID:** TMW-8**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: 130 MIDLAND AVENUE

Lab Number: L1914727

Project Number: 0010-40

Report Date: 04/18/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 04/15/19 10:39
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1226890-5					
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: 130 MIDLAND AVENUE

Lab Number: L1914727

Project Number: 0010-40

Report Date: 04/18/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 04/15/19 10:39

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1226890-5					
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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/15/19 10:39
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1226890-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 04/17/19 07:45
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1227485-5					
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	73	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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/17/19 07:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1227485-5					
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	11	J	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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/17/19 07:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1227485-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	96		70-130

Project Name: 130 MIDLAND AVENUE

Lab Number: L1914727

Project Number: 0010-40

Report Date: 04/18/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 04/17/19 07:45

Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-04 Batch: WG1227487-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.4	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/17/19 07:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-04 Batch: WG1227487-5					
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	0.23	J	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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/17/19 07:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-04 Batch: WG1227487-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Lab Number: L1914727

Project Number: 0010-40

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1226890-3 WG1226890-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	96		92		63-132	4		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	110		100		63-130	10		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	100		96		70-130	4		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	92		86		62-150	7		20
1,2-Dichloroethane	110		100		70-130	10		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	96		94		70-130	2		20
cis-1,3-Dichloropropene	110		100		70-130	10		20
1,1-Dichloropropene	99		94		70-130	5		20
Bromoform	110		100		54-136	10		20
1,1,2,2-Tetrachloroethane	100		96		67-130	4		20
Benzene	110		100		70-130	10		20
Toluene	99		95		70-130	4		20
Ethylbenzene	96		94		70-130	2		20
Chloromethane	63	Q	64		64-130	2		20
Bromomethane	29	Q	26	Q	39-139	11		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1226890-3 WG1226890-4								
Vinyl chloride	98		94		55-140	4		20
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	100		96		61-145	4		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	97		94		70-130	3		20
1,3-Dichlorobenzene	96		92		70-130	4		20
1,4-Dichlorobenzene	94		90		70-130	4		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	100		96		64-130	4		20
Acrylonitrile	100		99		70-130	1		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	120		110		36-147	9		20
Acetone	110		100		58-148	10		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	82		68		63-138	19		20
Vinyl acetate	100		91		70-130	9		20
4-Methyl-2-pentanone	110		100		59-130	10		20
2-Hexanone	89		86		57-130	3		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1226890-3 WG1226890-4								
Bromochloromethane	130		120		70-130	8		20
2,2-Dichloropropane	100		98		63-133	2		20
1,2-Dibromoethane	110		110		70-130	0		20
1,3-Dichloropropane	100		99		70-130	1		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	110		100		70-130	10		20
n-Butylbenzene	79		77		53-136	3		20
sec-Butylbenzene	83		81		70-130	2		20
tert-Butylbenzene	90		87		70-130	3		20
o-Chlorotoluene	90		87		70-130	3		20
p-Chlorotoluene	95		91		70-130	4		20
1,2-Dibromo-3-chloropropane	100		100		41-144	0		20
Hexachlorobutadiene	86		84		63-130	2		20
Isopropylbenzene	93		89		70-130	4		20
p-Isopropyltoluene	88		86		70-130	2		20
Naphthalene	99		96		70-130	3		20
n-Propylbenzene	88		84		69-130	5		20
1,2,3-Trichlorobenzene	91		90		70-130	1		20
1,2,4-Trichlorobenzene	94		91		70-130	3		20
1,3,5-Trimethylbenzene	93		89		64-130	4		20
1,2,4-Trimethylbenzene	95		92		70-130	3		20
1,4-Dioxane	156		124		56-162	23	Q	20
p-Diethylbenzene	88		86		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1226890-3 WG1226890-4								
p-Ethyltoluene	91		89		70-130	2		20
1,2,4,5-Tetramethylbenzene	94		90		70-130	4		20
Ethyl ether	100		99		59-134	1		20
trans-1,4-Dichloro-2-butene	87		82		70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		95		70-130
Toluene-d8	94		94		70-130
4-Bromofluorobenzene	98		96		70-130
Dibromofluoromethane	101		100		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

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: WG1227485-3 WG1227485-4								
Methylene chloride	108		104		70-130	4		30
1,1-Dichloroethane	125		119		70-130	5		30
Chloroform	111		111		70-130	0		30
Carbon tetrachloride	104		96		70-130	8		30
1,2-Dichloropropane	123		120		70-130	2		30
Dibromochloromethane	99		98		70-130	1		30
1,1,2-Trichloroethane	109		107		70-130	2		30
Tetrachloroethene	91		84		70-130	8		30
Chlorobenzene	100		96		70-130	4		30
Trichlorofluoromethane	86		81		70-139	6		30
1,2-Dichloroethane	120		118		70-130	2		30
1,1,1-Trichloroethane	108		102		70-130	6		30
Bromodichloromethane	113		109		70-130	4		30
trans-1,3-Dichloropropene	111		108		70-130	3		30
cis-1,3-Dichloropropene	112		108		70-130	4		30
1,1-Dichloropropene	115		108		70-130	6		30
Bromoform	94		90		70-130	4		30
1,1,2,2-Tetrachloroethane	107		106		70-130	1		30
Benzene	115		108		70-130	6		30
Toluene	108		102		70-130	6		30
Ethylbenzene	106		100		70-130	6		30
Chloromethane	123		111		52-130	10		30
Bromomethane	100		98		57-147	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

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: WG1227485-3 WG1227485-4								
Vinyl chloride	101		94		67-130	7		30
Chloroethane	99		93		50-151	6		30
1,1-Dichloroethene	101		95		65-135	6		30
trans-1,2-Dichloroethene	103		98		70-130	5		30
Trichloroethene	107		103		70-130	4		30
1,2-Dichlorobenzene	96		92		70-130	4		30
1,3-Dichlorobenzene	97		93		70-130	4		30
1,4-Dichlorobenzene	97		93		70-130	4		30
Methyl tert butyl ether	103		104		66-130	1		30
p/m-Xylene	99		94		70-130	5		30
o-Xylene	98		94		70-130	4		30
cis-1,2-Dichloroethene	102		98		70-130	4		30
Dibromomethane	106		104		70-130	2		30
Styrene	96		93		70-130	3		30
Dichlorodifluoromethane	106		98		30-146	8		30
Acetone	126		119		54-140	6		30
Carbon disulfide	113		104		59-130	8		30
2-Butanone	109		95		70-130	14		30
Vinyl acetate	122		123		70-130	1		30
4-Methyl-2-pentanone	106		106		70-130	0		30
1,2,3-Trichloropropane	107		106		68-130	1		30
2-Hexanone	107		108		70-130	1		30
Bromochloromethane	100		97		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

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: WG1227485-3 WG1227485-4								
2,2-Dichloropropane	115		109		70-130	5		30
1,2-Dibromoethane	101		100		70-130	1		30
1,3-Dichloropropane	113		110		69-130	3		30
1,1,1,2-Tetrachloroethane	98		95		70-130	3		30
Bromobenzene	94		91		70-130	3		30
n-Butylbenzene	112		104		70-130	7		30
sec-Butylbenzene	107		100		70-130	7		30
tert-Butylbenzene	101		95		70-130	6		30
o-Chlorotoluene	92		88		70-130	4		30
p-Chlorotoluene	109		103		70-130	6		30
1,2-Dibromo-3-chloropropane	83		89		68-130	7		30
Hexachlorobutadiene	92		85		67-130	8		30
Isopropylbenzene	106		98		70-130	8		30
p-Isopropyltoluene	101		96		70-130	5		30
Naphthalene	86		87		70-130	1		30
Acrylonitrile	114		118		70-130	3		30
n-Propylbenzene	111		104		70-130	7		30
1,2,3-Trichlorobenzene	86		86		70-130	0		30
1,2,4-Trichlorobenzene	91		89		70-130	2		30
1,3,5-Trimethylbenzene	106		100		70-130	6		30
1,2,4-Trimethylbenzene	103		98		70-130	5		30
1,4-Dioxane	102		104		65-136	2		30
p-Diethylbenzene	100		94		70-130	6		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

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: WG1227485-3 WG1227485-4								
p-Ethyltoluene	106		99		70-130	7		30
1,2,4,5-Tetramethylbenzene	96		91		70-130	5		30
Ethyl ether	109		108		67-130	1		30
trans-1,4-Dichloro-2-butene	123		118		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		108		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	112		109		70-130
Dibromofluoromethane	98		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-04 Batch: WG1227487-3 WG1227487-4								
Methylene chloride	108		104		70-130	4		30
1,1-Dichloroethane	125		119		70-130	5		30
Chloroform	111		111		70-130	0		30
Carbon tetrachloride	104		96		70-130	8		30
1,2-Dichloropropane	123		120		70-130	2		30
Dibromochloromethane	99		98		70-130	1		30
1,1,2-Trichloroethane	109		107		70-130	2		30
Tetrachloroethene	91		84		70-130	8		30
Chlorobenzene	100		96		70-130	4		30
Trichlorofluoromethane	86		81		70-139	6		30
1,2-Dichloroethane	120		118		70-130	2		30
1,1,1-Trichloroethane	108		102		70-130	6		30
Bromodichloromethane	113		109		70-130	4		30
trans-1,3-Dichloropropene	111		108		70-130	3		30
cis-1,3-Dichloropropene	112		108		70-130	4		30
1,1-Dichloropropene	115		108		70-130	6		30
Bromoform	94		90		70-130	4		30
1,1,2,2-Tetrachloroethane	107		106		70-130	1		30
Benzene	115		108		70-130	6		30
Toluene	108		102		70-130	6		30
Ethylbenzene	106		100		70-130	6		30
Chloromethane	123		111		52-130	10		30
Bromomethane	100		98		57-147	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-04 Batch: WG1227487-3 WG1227487-4								
Vinyl chloride	101		94		67-130	7		30
Chloroethane	99		93		50-151	6		30
1,1-Dichloroethene	101		95		65-135	6		30
trans-1,2-Dichloroethene	103		98		70-130	5		30
Trichloroethene	107		103		70-130	4		30
1,2-Dichlorobenzene	96		92		70-130	4		30
1,3-Dichlorobenzene	97		93		70-130	4		30
1,4-Dichlorobenzene	97		93		70-130	4		30
Methyl tert butyl ether	103		104		66-130	1		30
p/m-Xylene	99		94		70-130	5		30
o-Xylene	98		94		70-130	4		30
cis-1,2-Dichloroethene	102		98		70-130	4		30
Dibromomethane	106		104		70-130	2		30
Styrene	96		93		70-130	3		30
Dichlorodifluoromethane	106		98		30-146	8		30
Acetone	126		119		54-140	6		30
Carbon disulfide	113		104		59-130	8		30
2-Butanone	109		95		70-130	14		30
Vinyl acetate	122		123		70-130	1		30
4-Methyl-2-pentanone	106		106		70-130	0		30
1,2,3-Trichloropropane	107		106		68-130	1		30
2-Hexanone	107		108		70-130	1		30
Bromochloromethane	100		97		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-04 Batch: WG1227487-3 WG1227487-4								
2,2-Dichloropropane	115		109		70-130	5		30
1,2-Dibromoethane	101		100		70-130	1		30
1,3-Dichloropropane	113		110		69-130	3		30
1,1,1,2-Tetrachloroethane	98		95		70-130	3		30
Bromobenzene	94		91		70-130	3		30
n-Butylbenzene	112		104		70-130	7		30
sec-Butylbenzene	107		100		70-130	7		30
tert-Butylbenzene	101		95		70-130	6		30
o-Chlorotoluene	92		88		70-130	4		30
p-Chlorotoluene	109		103		70-130	6		30
1,2-Dibromo-3-chloropropane	83		89		68-130	7		30
Hexachlorobutadiene	92		85		67-130	8		30
Isopropylbenzene	106		98		70-130	8		30
p-Isopropyltoluene	101		96		70-130	5		30
Naphthalene	86		87		70-130	1		30
Acrylonitrile	114		118		70-130	3		30
n-Propylbenzene	111		104		70-130	7		30
1,2,3-Trichlorobenzene	86		86		70-130	0		30
1,2,4-Trichlorobenzene	91		89		70-130	2		30
1,3,5-Trimethylbenzene	106		100		70-130	6		30
1,2,4-Trimethylbenzene	103		98		70-130	5		30
1,4-Dioxane	102		104		65-136	2		30
p-Diethylbenzene	100		94		70-130	6		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Lab Number: L1914727

Project Number: 0010-40

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-04 Batch: WG1227487-3 WG1227487-4								
p-Ethyltoluene	106		99		70-130	7		30
1,2,4,5-Tetramethylbenzene	96		91		70-130	5		30
Ethyl ether	109		108		67-130	1		30
trans-1,4-Dichloro-2-butene	123		118		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		108		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	112		109		70-130
Dibromofluoromethane	98		98		70-130

SEMIVOLATILES

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-01 D
 Client ID: SS-5
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 10:08
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 04/18/19 07:56
 Analyst: RC
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 04/15/19 18:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2100		ug/kg	760	98.	5
1,2,4-Trichlorobenzene	ND		ug/kg	950	110	5
Hexachlorobenzene	ND		ug/kg	570	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	860	130	5
2-Chloronaphthalene	ND		ug/kg	950	94.	5
1,2-Dichlorobenzene	ND		ug/kg	950	170	5
1,3-Dichlorobenzene	ND		ug/kg	950	160	5
1,4-Dichlorobenzene	ND		ug/kg	950	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	950	250	5
2,4-Dinitrotoluene	ND		ug/kg	950	190	5
2,6-Dinitrotoluene	ND		ug/kg	950	160	5
Fluoranthene	2500		ug/kg	570	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	950	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	950	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	95.	5
Hexachlorobutadiene	ND		ug/kg	950	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2700	860	5
Hexachloroethane	ND		ug/kg	760	150	5
Isophorone	ND		ug/kg	860	120	5
Naphthalene	1800		ug/kg	950	120	5
Nitrobenzene	ND		ug/kg	860	140	5
NDPA/DPA	ND		ug/kg	760	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	950	150	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	950	330	5
Butyl benzyl phthalate	ND		ug/kg	950	240	5
Di-n-butylphthalate	ND		ug/kg	950	180	5
Di-n-octylphthalate	ND		ug/kg	950	320	5

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-01 D
 Client ID: SS-5
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 10:08
 Date Received: 04/11/19
 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	950	88.	5
Dimethyl phthalate	ND		ug/kg	950	200	5
Benzo(a)anthracene	1100		ug/kg	570	110	5
Benzo(a)pyrene	890		ug/kg	760	230	5
Benzo(b)fluoranthene	1200		ug/kg	570	160	5
Benzo(k)fluoranthene	350	J	ug/kg	570	150	5
Chrysene	1000		ug/kg	570	99.	5
Acenaphthylene	190	J	ug/kg	760	150	5
Anthracene	860		ug/kg	570	180	5
Benzo(ghi)perylene	510	J	ug/kg	760	110	5
Fluorene	1800		ug/kg	950	92.	5
Phenanthrene	3300		ug/kg	570	120	5
Dibenzo(a,h)anthracene	130	J	ug/kg	570	110	5
Indeno(1,2,3-cd)pyrene	520	J	ug/kg	760	130	5
Pyrene	1900		ug/kg	570	94.	5
Biphenyl	260	J	ug/kg	2200	220	5
4-Chloroaniline	ND		ug/kg	950	170	5
2-Nitroaniline	ND		ug/kg	950	180	5
3-Nitroaniline	ND		ug/kg	950	180	5
4-Nitroaniline	ND		ug/kg	950	390	5
Dibenzofuran	1600		ug/kg	950	90.	5
2-Methylnaphthalene	660	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	950	99.	5
Acetophenone	ND		ug/kg	950	120	5
2,4,6-Trichlorophenol	ND		ug/kg	570	180	5
p-Chloro-m-cresol	ND		ug/kg	950	140	5
2-Chlorophenol	ND		ug/kg	950	110	5
2,4-Dichlorophenol	ND		ug/kg	860	150	5
2,4-Dimethylphenol	ND		ug/kg	950	310	5
2-Nitrophenol	ND		ug/kg	2000	360	5
4-Nitrophenol	ND		ug/kg	1300	390	5
2,4-Dinitrophenol	ND		ug/kg	4600	440	5
4,6-Dinitro-o-cresol	ND		ug/kg	2500	460	5
Pentachlorophenol	ND		ug/kg	760	210	5
Phenol	ND		ug/kg	950	140	5
2-Methylphenol	ND		ug/kg	950	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	150	5

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-01 D

Date Collected: 04/10/19 10:08

Client ID: SS-5

Date Received: 04/11/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, 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	950	180	5
Benzoic Acid	ND		ug/kg	3100	960	5
Benzyl Alcohol	ND		ug/kg	950	290	5
Carbazole	330	J	ug/kg	950	92.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	54		18-120

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-02
 Client ID: SS-6
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 10:36
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 04/18/19 07:33
 Analyst: RC
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 04/15/19 18:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	200		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	2400		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	370		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 130 MIDLAND AVENUE

Lab Number: L1914727

Project Number: 0010-40

Report Date: 04/18/19

SAMPLE RESULTS

Lab ID: L1914727-02

Date Collected: 04/10/19 10:36

Client ID: SS-6

Date Received: 04/11/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, 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	1700		ug/kg	120	22.	1
Benzo(a)pyrene	1500		ug/kg	150	47.	1
Benzo(b)fluoranthene	2100		ug/kg	120	32.	1
Benzo(k)fluoranthene	550		ug/kg	120	31.	1
Chrysene	1500		ug/kg	120	20.	1
Acenaphthylene	210		ug/kg	150	30.	1
Anthracene	520		ug/kg	120	38.	1
Benzo(ghi)perylene	940		ug/kg	150	23.	1
Fluorene	280		ug/kg	190	19.	1
Phenanthrene	1500		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	220		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	990		ug/kg	150	27.	1
Pyrene	2100		ug/kg	120	19.	1
Biphenyl	65	J	ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	300		ug/kg	190	18.	1
2-Methylnaphthalene	250		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	37	J	ug/kg	280	30.	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-02**Date Collected:** 04/10/19 10:36**Client ID:** SS-6**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	160	J	ug/kg	190	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	73		18-120

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-03
 Client ID: SS-7
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 10:45
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 04/18/19 07:09
 Analyst: RC
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 04/15/19 18:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	210		ug/kg	160	20.	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	210	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	430		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	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: 130 MIDLAND AVENUE

Lab Number: L1914727

Project Number: 0010-40

Report Date: 04/18/19

SAMPLE RESULTS

Lab ID: L1914727-03

Date Collected: 04/10/19 10:45

Client ID: SS-7

Date Received: 04/11/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, 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	1500		ug/kg	120	22.	1
Benzo(a)pyrene	1300		ug/kg	160	48.	1
Benzo(b)fluoranthene	1900		ug/kg	120	33.	1
Benzo(k)fluoranthene	490		ug/kg	120	32.	1
Chrysene	1400		ug/kg	120	21.	1
Acenaphthylene	220		ug/kg	160	31.	1
Anthracene	430		ug/kg	120	39.	1
Benzo(ghi)perylene	820		ug/kg	160	23.	1
Fluorene	160	J	ug/kg	200	19.	1
Phenanthrene	1300		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	190		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	870		ug/kg	160	28.	1
Pyrene	1900		ug/kg	120	20.	1
Biphenyl	59	J	ug/kg	450	46.	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	82.	1
Dibenzofuran	210		ug/kg	200	19.	1
2-Methylnaphthalene	240		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	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	23.	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	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	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	280	31.	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-03**Date Collected:** 04/10/19 10:45**Client ID:** SS-7**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	150	J	ug/kg	200	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	67		18-120

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-04
 Client ID: SS-8
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 09:30
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 04/18/19 03:57
 Analyst: RC
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 04/15/19 18:17

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	62.	1

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-04**Date Collected:** 04/10/19 09:30**Client ID:** SS-8**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	35.	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: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-04**Date Collected:** 04/10/19 09:30**Client ID:** SS-8**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	82		18-120

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-05
 Client ID: TMW-5
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 10:50
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 04/16/19 05:47
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 04/15/19 10:29

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: 130 MIDLAND AVENUE

Lab Number: L1914727

Project Number: 0010-40

Report Date: 04/18/19

SAMPLE RESULTS

Lab ID: L1914727-05

Date Collected: 04/10/19 10:50

Client ID: TMW-5

Date Received: 04/11/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	1.2	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	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	0.51	J	ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	90		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	104		41-149

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-05 D
 Client ID: TMW-5
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 10:50
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 04/18/19 15:31
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 04/15/19 10:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	2.7		ug/l	0.20	0.03	2
2-Chloronaphthalene	ND		ug/l	0.40	0.04	2
Fluoranthene	1.2		ug/l	0.20	0.04	2
Hexachlorobutadiene	ND		ug/l	1.0	0.09	2
Naphthalene	0.90		ug/l	0.20	0.10	2
Benzo(a)anthracene	0.43		ug/l	0.20	0.04	2
Benzo(a)pyrene	0.28		ug/l	0.20	0.03	2
Benzo(b)fluoranthene	0.28		ug/l	0.20	0.02	2
Benzo(k)fluoranthene	0.27		ug/l	0.20	0.02	2
Chrysene	0.41		ug/l	0.20	0.02	2
Acenaphthylene	0.09	J	ug/l	0.20	0.02	2
Anthracene	0.58		ug/l	0.20	0.03	2
Benzo(ghi)perylene	0.21		ug/l	0.20	0.03	2
Fluorene	2.1		ug/l	0.20	0.03	2
Phenanthrene	3.1		ug/l	0.20	0.05	2
Dibenzo(a,h)anthracene	0.07	J	ug/l	0.20	0.03	2
Indeno(1,2,3-cd)pyrene	0.19	J	ug/l	0.20	0.02	2
Pyrene	0.95		ug/l	0.20	0.04	2
2-Methylnaphthalene	0.34		ug/l	0.20	0.04	2
Pentachlorophenol	ND		ug/l	1.6	0.03	2
Hexachlorobenzene	ND		ug/l	1.6	0.02	2
Hexachloroethane	ND		ug/l	1.6	0.13	2

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-05 D

Date Collected: 04/10/19 10:50

Client ID: TMW-5

Date Received: 04/11/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, 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	59		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	87		41-149

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-06
 Client ID: TMW-8
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 09:35
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 04/16/19 04:56
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 04/15/19 10:29

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: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-06**Date Collected:** 04/10/19 09:35**Client ID:** TMW-8**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, 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	0.72	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	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		21-120
Phenol-d6	68		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	109		10-120
4-Terphenyl-d14	111		41-149

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-06 D
 Client ID: TMW-8
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 09:35
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 04/18/19 15:55
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 04/15/19 10:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.16	J	ug/l	0.20	0.03	2
2-Chloronaphthalene	ND		ug/l	0.40	0.04	2
Fluoranthene	0.42		ug/l	0.20	0.04	2
Hexachlorobutadiene	ND		ug/l	1.0	0.09	2
Naphthalene	0.71		ug/l	0.20	0.10	2
Benzo(a)anthracene	0.21		ug/l	0.20	0.04	2
Benzo(a)pyrene	0.17	J	ug/l	0.20	0.03	2
Benzo(b)fluoranthene	0.17	J	ug/l	0.20	0.02	2
Benzo(k)fluoranthene	0.18	J	ug/l	0.20	0.02	2
Chrysene	0.22		ug/l	0.20	0.02	2
Acenaphthylene	ND		ug/l	0.20	0.02	2
Anthracene	0.16	J	ug/l	0.20	0.03	2
Benzo(ghi)perylene	0.14	J	ug/l	0.20	0.03	2
Fluorene	0.15	J	ug/l	0.20	0.03	2
Phenanthrene	0.32		ug/l	0.20	0.05	2
Dibenzo(a,h)anthracene	0.05	J	ug/l	0.20	0.03	2
Indeno(1,2,3-cd)pyrene	0.13	J	ug/l	0.20	0.02	2
Pyrene	0.44		ug/l	0.20	0.04	2
2-Methylnaphthalene	0.21		ug/l	0.20	0.04	2
Pentachlorophenol	ND		ug/l	1.6	0.03	2
Hexachlorobenzene	ND		ug/l	1.6	0.02	2
Hexachloroethane	ND		ug/l	1.6	0.13	2

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-06 D

Date Collected: 04/10/19 09:35

Client ID: TMW-8

Date Received: 04/11/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, 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	74		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	112		10-120
4-Terphenyl-d14	104		41-149

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/15/19 23:00
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/15/19 10:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1226438-1					
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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/15/19 23:00
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/15/19 10:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1226438-1					
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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/15/19 23:00
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/15/19 10:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG1226438-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	63		41-149

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 04/16/19 05:43
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/15/19 10:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05-06 Batch: WG1226440-1					
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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 04/16/19 05:43
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/15/19 10:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05-06 Batch: WG1226440-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	73		41-149

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/16/19 01:11
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 04/15/19 14:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1226528-1					
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	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/16/19 01:11
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 04/15/19 14:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1226528-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
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	25.
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	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/16/19 01:11
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 04/15/19 14:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1226528-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	67		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1226438-2 WG1226438-3								
Acenaphthene	59		60		37-111	2		30
1,2,4-Trichlorobenzene	61		62		39-98	2		30
Hexachlorobenzene	65		69		40-140	6		30
Bis(2-chloroethyl)ether	60		60		40-140	0		30
2-Chloronaphthalene	64		64		40-140	0		30
1,2-Dichlorobenzene	58		60		40-140	3		30
1,3-Dichlorobenzene	54		57		40-140	5		30
1,4-Dichlorobenzene	55		58		36-97	5		30
3,3'-Dichlorobenzidine	49		60		40-140	20		30
2,4-Dinitrotoluene	67		68		48-143	1		30
2,6-Dinitrotoluene	71		74		40-140	4		30
Fluoranthene	63		70		40-140	11		30
4-Chlorophenyl phenyl ether	64		64		40-140	0		30
4-Bromophenyl phenyl ether	66		68		40-140	3		30
Bis(2-chloroisopropyl)ether	57		57		40-140	0		30
Bis(2-chloroethoxy)methane	65		64		40-140	2		30
Hexachlorobutadiene	59		59		40-140	0		30
Hexachlorocyclopentadiene	59		58		40-140	2		30
Hexachloroethane	56		58		40-140	4		30
Isophorone	68		69		40-140	1		30
Naphthalene	61		63		40-140	3		30
Nitrobenzene	62		63		40-140	2		30
NDPA/DPA	66		69		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1226438-2 WG1226438-3								
n-Nitrosodi-n-propylamine	69		70		29-132	1		30
Bis(2-ethylhexyl)phthalate	71		57		40-140	22		30
Butyl benzyl phthalate	74		80		40-140	8		30
Di-n-butylphthalate	65		67		40-140	3		30
Di-n-octylphthalate	72		68		40-140	6		30
Diethyl phthalate	70		74		40-140	6		30
Dimethyl phthalate	73		77		40-140	5		30
Benzo(a)anthracene	63		66		40-140	5		30
Benzo(a)pyrene	65		72		40-140	10		30
Benzo(b)fluoranthene	62		69		40-140	11		30
Benzo(k)fluoranthene	63		69		40-140	9		30
Chrysene	57		62		40-140	8		30
Acenaphthylene	69		69		45-123	0		30
Anthracene	59		63		40-140	7		30
Benzo(ghi)perylene	61		64		40-140	5		30
Fluorene	63		64		40-140	2		30
Phenanthrene	57		61		40-140	7		30
Dibenzo(a,h)anthracene	61		63		40-140	3		30
Indeno(1,2,3-cd)pyrene	64		63		40-140	2		30
Pyrene	61		69		26-127	12		30
Biphenyl	66		66		40-140	0		30
4-Chloroaniline	50		62		40-140	21		30
2-Nitroaniline	67		68		52-143	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1226438-2 WG1226438-3								
3-Nitroaniline	50		62		25-145	21		30
4-Nitroaniline	58		67		51-143	14		30
Dibenzofuran	61		62		40-140	2		30
2-Methylnaphthalene	62		63		40-140	2		30
1,2,4,5-Tetrachlorobenzene	65		64		2-134	2		30
Acetophenone	70		71		39-129	1		30
2,4,6-Trichlorophenol	70		69		30-130	1		30
p-Chloro-m-cresol	69		70		23-97	1		30
2-Chlorophenol	60		60		27-123	0		30
2,4-Dichlorophenol	67		66		30-130	2		30
2,4-Dimethylphenol	63		63		30-130	0		30
2-Nitrophenol	60		58		30-130	3		30
4-Nitrophenol	53		56		10-80	6		30
2,4-Dinitrophenol	62		59		20-130	5		30
4,6-Dinitro-o-cresol	54		57		20-164	5		30
Pentachlorophenol	60		66		9-103	10		30
Phenol	46		48		12-110	4		30
2-Methylphenol	62		62		30-130	0		30
3-Methylphenol/4-Methylphenol	60		61		30-130	2		30
2,4,5-Trichlorophenol	70		71		30-130	1		30
Benzoic Acid	39		36		10-164	8		30
Benzyl Alcohol	59		62		26-116	5		30
Carbazole	61		68		55-144	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG1226438-2 WG1226438-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49		50		21-120
Phenol-d6	44		45		10-120
Nitrobenzene-d5	63		63		23-120
2-Fluorobiphenyl	64		64		15-120
2,4,6-Tribromophenol	67		71		10-120
4-Terphenyl-d14	60		68		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05-06 Batch: WG1226440-2 WG1226440-3								
Acenaphthene	79		90		40-140	13		40
2-Chloronaphthalene	81		85		40-140	5		40
Fluoranthene	81		88		40-140	8		40
Hexachlorobutadiene	72		79		40-140	9		40
Naphthalene	72		76		40-140	5		40
Benzo(a)anthracene	87		93		40-140	7		40
Benzo(a)pyrene	80		82		40-140	2		40
Benzo(b)fluoranthene	81		79		40-140	3		40
Benzo(k)fluoranthene	84		88		40-140	5		40
Chrysene	88		96		40-140	9		40
Acenaphthylene	83		89		40-140	7		40
Anthracene	80		88		40-140	10		40
Benzo(ghi)perylene	72		79		40-140	9		40
Fluorene	87		95		40-140	9		40
Phenanthrene	75		80		40-140	6		40
Dibenzo(a,h)anthracene	78		83		40-140	6		40
Indeno(1,2,3-cd)pyrene	79		84		40-140	6		40
Pyrene	81		90		40-140	11		40
2-Methylnaphthalene	77		85		40-140	10		40
Pentachlorophenol	70		73		40-140	4		40
Hexachlorobenzene	75		80		40-140	6		40
Hexachloroethane	73		74		40-140	1		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05-06 Batch: WG1226440-2 WG1226440-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		59		21-120
Phenol-d6	50		50		10-120
Nitrobenzene-d5	81		80		23-120
2-Fluorobiphenyl	72		79		15-120
2,4,6-Tribromophenol	87		90		10-120
4-Terphenyl-d14	71		79		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

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: WG1226528-2 WG1226528-3								
Acenaphthene	64		62		31-137	3		50
1,2,4-Trichlorobenzene	61		60		38-107	2		50
Hexachlorobenzene	66		64		40-140	3		50
Bis(2-chloroethyl)ether	63		62		40-140	2		50
2-Chloronaphthalene	66		64		40-140	3		50
1,2-Dichlorobenzene	61		61		40-140	0		50
1,3-Dichlorobenzene	60		59		40-140	2		50
1,4-Dichlorobenzene	60		58		28-104	3		50
3,3'-Dichlorobenzidine	54		52		40-140	4		50
2,4-Dinitrotoluene	80		76		40-132	5		50
2,6-Dinitrotoluene	74		70		40-140	6		50
Fluoranthene	62		59		40-140	5		50
4-Chlorophenyl phenyl ether	64		63		40-140	2		50
4-Bromophenyl phenyl ether	64		63		40-140	2		50
Bis(2-chloroisopropyl)ether	77		75		40-140	3		50
Bis(2-chloroethoxy)methane	70		69		40-117	1		50
Hexachlorobutadiene	61		61		40-140	0		50
Hexachlorocyclopentadiene	46		45		40-140	2		50
Hexachloroethane	71		70		40-140	1		50
Isophorone	72		71		40-140	1		50
Naphthalene	64		63		40-140	2		50
Nitrobenzene	72		72		40-140	0		50
NDPA/DPA	68		67		36-157	1		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

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: WG1226528-2 WG1226528-3								
n-Nitrosodi-n-propylamine	71		72		32-121	1		50
Bis(2-ethylhexyl)phthalate	86		83		40-140	4		50
Butyl benzyl phthalate	68		64		40-140	6		50
Di-n-butylphthalate	78		74		40-140	5		50
Di-n-octylphthalate	94		91		40-140	3		50
Diethyl phthalate	75		74		40-140	1		50
Dimethyl phthalate	72		69		40-140	4		50
Benzo(a)anthracene	71		70		40-140	1		50
Benzo(a)pyrene	72		69		40-140	4		50
Benzo(b)fluoranthene	67		67		40-140	0		50
Benzo(k)fluoranthene	73		69		40-140	6		50
Chrysene	70		67		40-140	4		50
Acenaphthylene	66		65		40-140	2		50
Anthracene	63		60		40-140	5		50
Benzo(ghi)perylene	66		63		40-140	5		50
Fluorene	65		64		40-140	2		50
Phenanthrene	62		59		40-140	5		50
Dibenzo(a,h)anthracene	66		62		40-140	6		50
Indeno(1,2,3-cd)pyrene	64		62		40-140	3		50
Pyrene	62		58		35-142	7		50
Biphenyl	68		67		54-104	1		50
4-Chloroaniline	58		56		40-140	4		50
2-Nitroaniline	75		73		47-134	3		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

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: WG1226528-2 WG1226528-3								
3-Nitroaniline	64		61		26-129	5		50
4-Nitroaniline	76		73		41-125	4		50
Dibenzofuran	67		65		40-140	3		50
2-Methylnaphthalene	64		62		40-140	3		50
1,2,4,5-Tetrachlorobenzene	66		65		40-117	2		50
Acetophenone	73		72		14-144	1		50
2,4,6-Trichlorophenol	70		68		30-130	3		50
p-Chloro-m-cresol	79		74		26-103	7		50
2-Chlorophenol	71		71		25-102	0		50
2,4-Dichlorophenol	72		71		30-130	1		50
2,4-Dimethylphenol	75		74		30-130	1		50
2-Nitrophenol	77		77		30-130	0		50
4-Nitrophenol	89		84		11-114	6		50
2,4-Dinitrophenol	64		62		4-130	3		50
4,6-Dinitro-o-cresol	76		72		10-130	5		50
Pentachlorophenol	58		56		17-109	4		50
Phenol	73		70		26-90	4		50
2-Methylphenol	73		73		30-130.	0		50
3-Methylphenol/4-Methylphenol	70		68		30-130	3		50
2,4,5-Trichlorophenol	75		72		30-130	4		50
Benzoic Acid	57		56		10-110	2		50
Benzyl Alcohol	75		73		40-140	3		50
Carbazole	66		63		54-128	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

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: WG1226528-2 WG1226528-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		71		25-120
Phenol-d6	75		73		10-120
Nitrobenzene-d5	73		72		23-120
2-Fluorobiphenyl	62		62		30-120
2,4,6-Tribromophenol	79		77		10-136
4-Terphenyl-d14	59		57		18-120

PCBS

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-01
 Client ID: SS-5
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 10:08
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 04/16/19 15:42
 Analyst: AWS
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 04/15/19 18:21
 Cleanup Method: EPA 3665A
 Cleanup Date: 04/16/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 04/16/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	3.20	1	A
Aroclor 1221	ND		ug/kg	36.0	3.61	1	A
Aroclor 1232	ND		ug/kg	36.0	7.63	1	A
Aroclor 1242	ND		ug/kg	36.0	4.85	1	A
Aroclor 1248	ND		ug/kg	36.0	5.40	1	A
Aroclor 1254	70.4		ug/kg	36.0	3.94	1	A
Aroclor 1260	76.8		ug/kg	36.0	6.65	1	B
Aroclor 1262	ND		ug/kg	36.0	4.57	1	A
Aroclor 1268	ND		ug/kg	36.0	3.73	1	A
PCBs, Total	147		ug/kg	36.0	3.20	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-02
 Client ID: SS-6
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 10:36
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 04/16/19 15:54
 Analyst: AWS
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 04/15/19 18:21
 Cleanup Method: EPA 3665A
 Cleanup Date: 04/16/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 04/16/19

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	8.00	1	A
Aroclor 1242	ND		ug/kg	37.7	5.09	1	A
Aroclor 1248	ND		ug/kg	37.7	5.66	1	A
Aroclor 1254	153		ug/kg	37.7	4.13	1	A
Aroclor 1260	113		ug/kg	37.7	6.97	1	B
Aroclor 1262	ND		ug/kg	37.7	4.79	1	A
Aroclor 1268	ND		ug/kg	37.7	3.91	1	A
PCBs, Total	266		ug/kg	37.7	3.35	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-03
 Client ID: SS-7
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 10:45
 Date Received: 04/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 04/16/19 16:07
 Analyst: AWS
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 04/15/19 18:21
 Cleanup Method: EPA 3665A
 Cleanup Date: 04/16/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 04/16/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.9	3.46	1	A
Aroclor 1221	ND		ug/kg	38.9	3.90	1	A
Aroclor 1232	ND		ug/kg	38.9	8.26	1	A
Aroclor 1242	ND		ug/kg	38.9	5.25	1	A
Aroclor 1248	ND		ug/kg	38.9	5.84	1	A
Aroclor 1254	136		ug/kg	38.9	4.26	1	A
Aroclor 1260	110		ug/kg	38.9	7.20	1	B
Aroclor 1262	ND		ug/kg	38.9	4.95	1	A
Aroclor 1268	ND		ug/kg	38.9	4.04	1	A
PCBs, Total	246		ug/kg	38.9	3.46	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/16/19 11:10
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 04/15/19 18:21
Cleanup Method: EPA 3665A
Cleanup Date: 04/16/19
Cleanup Method: EPA 3660B
Cleanup Date: 04/16/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1226610-1						
Aroclor 1016	ND		ug/kg	31.6	2.81	A
Aroclor 1221	ND		ug/kg	31.6	3.17	A
Aroclor 1232	ND		ug/kg	31.6	6.70	A
Aroclor 1242	ND		ug/kg	31.6	4.26	A
Aroclor 1248	ND		ug/kg	31.6	4.74	A
Aroclor 1254	ND		ug/kg	31.6	3.46	A
Aroclor 1260	ND		ug/kg	31.6	5.84	A
Aroclor 1262	ND		ug/kg	31.6	4.01	A
Aroclor 1268	ND		ug/kg	31.6	3.27	A
PCBs, Total	ND		ug/kg	31.6	2.81	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	64		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 130 MIDLAND AVENUE**Project Number:** 0010-40**Lab Number:** L1914727**Report Date:** 04/18/19

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: WG1226610-2 WG1226610-3									
Aroclor 1016	79		77		40-140	3		50	A
Aroclor 1260	71		71		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		72		30-150	A
Decachlorobiphenyl	75		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		75		30-150	B
Decachlorobiphenyl	70		69		30-150	B

METALS

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-01**Date Collected:** 04/10/19 10:08**Client ID:** SS-5**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil**Percent Solids:** 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.56		mg/kg	0.451	0.094	1	04/16/19 22:15	04/17/19 17:52	EPA 3050B	1,6010D	AB
Barium, Total	136		mg/kg	0.451	0.079	1	04/16/19 22:15	04/17/19 17:52	EPA 3050B	1,6010D	AB
Cadmium, Total	2.54		mg/kg	0.451	0.044	1	04/16/19 22:15	04/17/19 17:52	EPA 3050B	1,6010D	AB
Chromium, Total	33.6		mg/kg	0.451	0.043	1	04/16/19 22:15	04/17/19 17:52	EPA 3050B	1,6010D	AB
Lead, Total	166		mg/kg	2.26	0.121	1	04/16/19 22:15	04/17/19 17:52	EPA 3050B	1,6010D	AB
Mercury, Total	0.417		mg/kg	0.072	0.015	1	04/13/19 06:00	04/15/19 14:41	EPA 7471B	1,7471B	GD
Selenium, Total	0.957		mg/kg	0.903	0.116	1	04/16/19 22:15	04/17/19 17:52	EPA 3050B	1,6010D	AB
Silver, Total	0.158	J	mg/kg	0.451	0.128	1	04/16/19 22:15	04/17/19 17:52	EPA 3050B	1,6010D	AB



Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-02**Date Collected:** 04/10/19 10:36**Client ID:** SS-6**Date Received:** 04/11/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil**Percent Solids:** 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.82		mg/kg	0.453	0.094	1	04/16/19 22:15	04/17/19 18:50	EPA 3050B	1,6010D	AB
Barium, Total	99.3		mg/kg	0.453	0.079	1	04/16/19 22:15	04/17/19 18:50	EPA 3050B	1,6010D	AB
Cadmium, Total	0.806		mg/kg	0.453	0.044	1	04/16/19 22:15	04/17/19 18:50	EPA 3050B	1,6010D	AB
Chromium, Total	19.8		mg/kg	0.453	0.044	1	04/16/19 22:15	04/17/19 18:50	EPA 3050B	1,6010D	AB
Lead, Total	153		mg/kg	2.26	0.121	1	04/16/19 22:15	04/17/19 18:50	EPA 3050B	1,6010D	AB
Mercury, Total	0.443		mg/kg	0.074	0.016	1	04/13/19 06:00	04/15/19 14:43	EPA 7471B	1,7471B	GD
Selenium, Total	0.480	J	mg/kg	0.906	0.117	1	04/16/19 22:15	04/17/19 18:50	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.453	0.128	1	04/16/19 22:15	04/17/19 18:50	EPA 3050B	1,6010D	AB



Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**SAMPLE RESULTS**

Lab ID: L1914727-03

Date Collected: 04/10/19 10:45

Client ID: SS-7

Date Received: 04/11/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.19		mg/kg	0.460	0.096	1	04/16/19 22:15	04/17/19 18:55	EPA 3050B	1,6010D	AB
Barium, Total	144		mg/kg	0.460	0.080	1	04/16/19 22:15	04/17/19 18:55	EPA 3050B	1,6010D	AB
Cadmium, Total	2.75		mg/kg	0.460	0.045	1	04/16/19 22:15	04/17/19 18:55	EPA 3050B	1,6010D	AB
Chromium, Total	30.9		mg/kg	0.460	0.044	1	04/16/19 22:15	04/17/19 18:55	EPA 3050B	1,6010D	AB
Lead, Total	164		mg/kg	2.30	0.123	1	04/16/19 22:15	04/17/19 18:55	EPA 3050B	1,6010D	AB
Mercury, Total	0.327		mg/kg	0.076	0.016	1	04/13/19 06:00	04/15/19 14:45	EPA 7471B	1,7471B	GD
Selenium, Total	1.01		mg/kg	0.921	0.119	1	04/16/19 22:15	04/17/19 18:55	EPA 3050B	1,6010D	AB
Silver, Total	0.152	J	mg/kg	0.460	0.130	1	04/16/19 22:15	04/17/19 18:55	EPA 3050B	1,6010D	AB



Project Name: 130 MIDLAND AVENUE

Lab Number: L1914727

Project Number: 0010-40

Report Date: 04/18/19

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: WG1226085-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	04/13/19 06:00	04/15/19 10:27	1,7471B	GD

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): 01-03 Batch: WG1227006-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/16/19 22:15	04/17/19 17:38	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	04/16/19 22:15	04/17/19 17:38	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/16/19 22:15	04/17/19 17:38	1,6010D	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	04/16/19 22:15	04/17/19 17:38	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	04/16/19 22:15	04/17/19 17:38	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/16/19 22:15	04/17/19 17:38	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	04/16/19 22:15	04/17/19 17:38	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1226085-2 SRM Lot Number: D101-540								
Mercury, Total	123		-		65-135	-		
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1227006-2 SRM Lot Number: D101-540								
Arsenic, Total	98		-		83-117	-		
Barium, Total	94		-		83-118	-		
Cadmium, Total	98		-		83-117	-		
Chromium, Total	98		-		81-118	-		
Lead, Total	96		-		83-117	-		
Selenium, Total	100		-		79-121	-		
Silver, Total	99		-		80-120	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

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: WG1226085-3			QC Sample: L1914743-02			Client ID: MS Sample			
Mercury, Total	ND	0.135	0.163	120		-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-03			QC Batch ID: WG1227006-3			QC Sample: L1914727-01			Client ID: SS-5			
Arsenic, Total	6.56	10.6	16.6	94		-	-		75-125	-		20
Barium, Total	136	177	269	75		-	-		75-125	-		20
Cadmium, Total	2.54	4.51	9.09	145	Q	-	-		75-125	-		20
Chromium, Total	33.6	17.7	42.7	51	Q	-	-		75-125	-		20
Lead, Total	166	45.1	169	7	Q	-	-		75-125	-		20
Selenium, Total	0.957	10.6	10.4	89		-	-		75-125	-		20
Silver, Total	0.158J	26.5	25.7	97		-	-		75-125	-		20

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L1914727
Report Date: 04/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1226085-4 QC Sample: L1914743-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1227006-4 QC Sample: L1914727-01 Client ID: SS-5						
Arsenic, Total	6.56	5.93	mg/kg	10		20
Barium, Total	136	123	mg/kg	10		20
Cadmium, Total	2.54	2.43	mg/kg	4		20
Chromium, Total	33.6	28.3	mg/kg	17		20
Lead, Total	166	152	mg/kg	9		20
Selenium, Total	0.957	0.900	mg/kg	6		20
Silver, Total	0.158J	0.152J	mg/kg	NC		20

INORGANICS & MISCELLANEOUS

Project Name: 130 MIDLAND AVENUE**Project Number:** 0010-40**Lab Number:** L1914727**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-01**Client ID:** SS-5**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Date Collected:** 04/10/19 10:08**Date Received:** 04/11/19**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	87.2		%	0.100	NA	1	-	04/12/19 13:29	121,2540G	RI



Project Name: 130 MIDLAND AVENUE**Project Number:** 0010-40**Lab Number:** L1914727**Report Date:** 04/18/19**SAMPLE RESULTS****Lab ID:** L1914727-02**Client ID:** SS-6**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Date Collected:** 04/10/19 10:36**Date Received:** 04/11/19**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	-	04/12/19 13:29	121,2540G	RI



Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

SAMPLE RESULTS

Lab ID: L1914727-03

Client ID: SS-7

Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 10:45

Date Received: 04/11/19

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	82.5		%	0.100	NA	1	-	04/12/19 13:29	121,2540G	RI



Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914727

Report Date: 04/18/19

SAMPLE RESULTS

Lab ID: L1914727-04

Client ID: SS-8

Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/10/19 09:30

Date Received: 04/11/19

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	04/12/19 13:29	121,2540G	RI



Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L1914727

Report Date: 04/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1225892-1 QC Sample: L1914875-01 Client ID: DUP Sample						
Solids, Total	90.2	89.2	%	1		20

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19**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(*)
L1914727-01A	Vial MeOH preserved	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L1914727-01B	Vial water preserved	A	NA		4.7	Y	Absent	12-APR-19 04:37	NYTCL-8260HLW(14)
L1914727-01C	Vial water preserved	A	NA		4.7	Y	Absent	12-APR-19 04:37	NYTCL-8260HLW(14)
L1914727-01D	Plastic 2oz unpreserved for TS	A	NA		4.7	Y	Absent		TS(7)
L1914727-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1914727-01F	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1914727-02A	Vial MeOH preserved	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L1914727-02B	Vial water preserved	A	NA		4.7	Y	Absent	12-APR-19 04:37	NYTCL-8260HLW(14)
L1914727-02C	Vial water preserved	A	NA		4.7	Y	Absent	12-APR-19 04:37	NYTCL-8260HLW(14)
L1914727-02D	Plastic 2oz unpreserved for TS	A	NA		4.7	Y	Absent		TS(7)
L1914727-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1914727-02F	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1914727-03A	Vial MeOH preserved	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L1914727-03B	Vial water preserved	A	NA		4.7	Y	Absent	12-APR-19 04:37	NYTCL-8260HLW(14)
L1914727-03C	Vial water preserved	A	NA		4.7	Y	Absent	12-APR-19 04:37	NYTCL-8260HLW(14)
L1914727-03D	Plastic 2oz unpreserved for TS	A	NA		4.7	Y	Absent		TS(7)
L1914727-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1914727-03F	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1914727-04A	Vial MeOH preserved	A	NA		4.7	Y	Absent		NYTCL-8260HLW(14)
L1914727-04B	Vial water preserved	A	NA		4.7	Y	Absent	12-APR-19 04:37	NYTCL-8260HLW(14)

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Serial_No:04181917:11
Lab Number: L1914727
Report Date: 04/18/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1914727-04C	Vial water preserved	A	NA		4.7	Y	Absent	12-APR-19 04:37	NYTCL-8260HLW(14)
L1914727-04D	Plastic 2oz unpreserved for TS	A	NA		4.7	Y	Absent		TS(7)
L1914727-04E	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14)
L1914727-05A	Vial HCl preserved	A	NA		4.7	Y	Absent		NYTCL-8260(14)
L1914727-05B	Vial HCl preserved	A	NA		4.7	Y	Absent		NYTCL-8260(14)
L1914727-05C	Vial HCl preserved	A	NA		4.7	Y	Absent		NYTCL-8260(14)
L1914727-05D	Amber 250ml unpreserved	A	7	7	4.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1914727-05E	Amber 250ml unpreserved	A	7	7	4.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1914727-06A	Vial HCl preserved	A	NA		4.7	Y	Absent		NYTCL-8260(14)
L1914727-06B	Vial HCl preserved	A	NA		4.7	Y	Absent		NYTCL-8260(14)
L1914727-06C	Vial HCl preserved	A	NA		4.7	Y	Absent		NYTCL-8260(14)
L1914727-06D	Amber 250ml unpreserved	A	7	7	4.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1914727-06E	Amber 250ml unpreserved	A	7	7	4.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19

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.
LCS D	- 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.
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.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914727**Project Number:** 0010-40**Report Date:** 04/18/19

- 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.

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.

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.

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 Condensation Product".
- 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.
- 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 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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914727
Report Date: 04/18/19

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**Revision **12**

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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**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 6860:** SCM: Perchlorate**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-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 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 <u>4/12/19</u>		ALPHA Job # <u>L1914727</u>																																																																																																																																																																																																																																																																																														
	Project Information Project Name: <u>130 MIDLAND AVENUE</u> Project Location: <u>130 MIDLAND AVE, POST CHESTER, NY</u> Project # <u>0010-40</u> (Use Project name as Project #) ☐				Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #																																																																																																																																																																																																																																																																																														
	Client Information Client: <u>LISKO ENVIRONMENTAL</u> Address: <u>1300 MAIN STREET, BOX 083</u> <u>BELMAR, NJ 07751</u> Phone: <u>732-312-7316</u> Fax: Email: <u>KHALIL@LISKOENV.COM</u>				Regulatory Requirement ☒ NY TOGS ☒ NY Part 375 ☒ PAWQ 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:																																																																																																																																																																																																																																																																																														
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O 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				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.)																																																																																																																																																																																																																																																																																					
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ANALYTICAL REPORT

Lab Number:	L1914659
Client:	Lisko Environmental, LLC 1300 Main Street Belmar, NJ 07719
ATTN:	Khalil Abbaszadeh
Phone:	(732) 996-4792
Project Name:	130 MIDLAND AVENUE
Project Number:	0010-40
Report Date:	04/19/19

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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914659
Report Date: 04/19/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1914659-01	SSGS-1	SOIL_VAPOR	130 MIDLAND AVE., PORT CHESTER, NY	04/09/19 12:23	04/10/19
L1914659-02	SSGS-2	SOIL_VAPOR	130 MIDLAND AVE., PORT CHESTER, NY	04/09/19 12:13	04/10/19

Project Name: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914659
Report Date: 04/19/19

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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914659
Report Date: 04/19/19

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on April 8, 2019. The canister certification results are provided as an addendum.

L1914659-01 & -02: 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: 04/19/19

AIR

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914659**Project Number:** 0010-40**Report Date:** 04/19/19**SAMPLE RESULTS**

Lab ID: L1914659-01 D
 Client ID: SSGS-1
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 12:23
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 04/19/19 02:05
 Analyst: EW

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	57.4	4.02	--	284	19.9	--		20.08
Chloromethane	ND	4.02	--	ND	8.30	--		20.08
Freon-114	ND	4.02	--	ND	28.1	--		20.08
Vinyl chloride	ND	4.02	--	ND	10.3	--		20.08
1,3-Butadiene	ND	4.02	--	ND	8.89	--		20.08
Bromomethane	ND	4.02	--	ND	15.6	--		20.08
Chloroethane	ND	4.02	--	ND	10.6	--		20.08
Ethanol	ND	100	--	ND	188	--		20.08
Vinyl bromide	ND	4.02	--	ND	17.6	--		20.08
Acetone	ND	20.1	--	ND	47.7	--		20.08
Trichlorofluoromethane	ND	4.02	--	ND	22.6	--		20.08
Isopropanol	ND	10.0	--	ND	24.6	--		20.08
1,1-Dichloroethene	ND	4.02	--	ND	15.9	--		20.08
Tertiary butyl Alcohol	ND	10.0	--	ND	30.3	--		20.08
Methylene chloride	ND	10.0	--	ND	34.7	--		20.08
3-Chloropropene	ND	4.02	--	ND	12.6	--		20.08
Carbon disulfide	ND	4.02	--	ND	12.5	--		20.08
Freon-113	ND	4.02	--	ND	30.8	--		20.08
trans-1,2-Dichloroethene	ND	4.02	--	ND	15.9	--		20.08
1,1-Dichloroethane	ND	4.02	--	ND	16.3	--		20.08
Methyl tert butyl ether	ND	4.02	--	ND	14.5	--		20.08
2-Butanone	ND	10.0	--	ND	29.5	--		20.08
cis-1,2-Dichloroethene	ND	4.02	--	ND	15.9	--		20.08



Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914659**Project Number:** 0010-40**Report Date:** 04/19/19**SAMPLE RESULTS**

Lab ID: L1914659-01 D

Client ID: SSGS-1

Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 12:23

Date Received: 04/10/19

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	10.0	--	ND	36.0	--		20.08
Chloroform	ND	4.02	--	ND	19.6	--		20.08
Tetrahydrofuran	ND	10.0	--	ND	29.5	--		20.08
1,2-Dichloroethane	ND	4.02	--	ND	16.3	--		20.08
n-Hexane	ND	4.02	--	ND	14.2	--		20.08
1,1,1-Trichloroethane	ND	4.02	--	ND	21.9	--		20.08
Benzene	ND	4.02	--	ND	12.8	--		20.08
Carbon tetrachloride	ND	4.02	--	ND	25.3	--		20.08
Cyclohexane	ND	4.02	--	ND	13.8	--		20.08
1,2-Dichloropropane	ND	4.02	--	ND	18.6	--		20.08
Bromodichloromethane	ND	4.02	--	ND	26.9	--		20.08
1,4-Dioxane	ND	4.02	--	ND	14.5	--		20.08
Trichloroethene	5.78	4.02	--	31.1	21.6	--		20.08
2,2,4-Trimethylpentane	ND	4.02	--	ND	18.8	--		20.08
Heptane	ND	4.02	--	ND	16.5	--		20.08
cis-1,3-Dichloropropene	ND	4.02	--	ND	18.3	--		20.08
4-Methyl-2-pentanone	ND	10.0	--	ND	41.0	--		20.08
trans-1,3-Dichloropropene	ND	4.02	--	ND	18.3	--		20.08
1,1,2-Trichloroethane	ND	4.02	--	ND	21.9	--		20.08
Toluene	ND	4.02	--	ND	15.1	--		20.08
2-Hexanone	ND	4.02	--	ND	16.5	--		20.08
Dibromochloromethane	ND	4.02	--	ND	34.2	--		20.08
1,2-Dibromoethane	ND	4.02	--	ND	30.9	--		20.08
Tetrachloroethene	1460	4.02	--	9900	27.3	--		20.08
Chlorobenzene	ND	4.02	--	ND	18.5	--		20.08
Ethylbenzene	ND	4.02	--	ND	17.5	--		20.08



Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914659**Project Number:** 0010-40**Report Date:** 04/19/19**SAMPLE RESULTS****Lab ID:** L1914659-01 D**Date Collected:** 04/09/19 12:23**Client ID:** SSGS-1**Date Received:** 04/10/19**Sample Location:** 130 MIDLAND AVE., PORT CHESTER, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	8.03	--	ND	34.9	--		20.08
Bromoform	ND	4.02	--	ND	41.6	--		20.08
Styrene	ND	4.02	--	ND	17.1	--		20.08
1,1,2,2-Tetrachloroethane	ND	4.02	--	ND	27.6	--		20.08
o-Xylene	ND	4.02	--	ND	17.5	--		20.08
4-Ethyltoluene	ND	4.02	--	ND	19.8	--		20.08
1,3,5-Trimethylbenzene	ND	4.02	--	ND	19.8	--		20.08
1,2,4-Trimethylbenzene	ND	4.02	--	ND	19.8	--		20.08
Benzyl chloride	ND	4.02	--	ND	20.8	--		20.08
1,3-Dichlorobenzene	ND	4.02	--	ND	24.2	--		20.08
1,4-Dichlorobenzene	ND	4.02	--	ND	24.2	--		20.08
1,2-Dichlorobenzene	ND	4.02	--	ND	24.2	--		20.08
1,2,4-Trichlorobenzene	ND	4.02	--	ND	29.8	--		20.08
Hexachlorobutadiene	ND	4.02	--	ND	42.9	--		20.08

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	106		60-140
chlorobenzene-d5	105		60-140



Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914659**Project Number:** 0010-40**Report Date:** 04/19/19**SAMPLE RESULTS**

Lab ID: L1914659-02 D
 Client ID: SSGS-2
 Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 12:13
 Date Received: 04/10/19
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 04/19/19 02:35
 Analyst: EW

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	16.2	2.00	--	80.1	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	463	50.0	--	872	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	51.4	10.0	--	122	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Tertiary butyl Alcohol	30.1	5.00	--	91.2	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	3.40	2.00	--	10.6	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	ND	5.00	--	ND	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10



Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914659**Project Number:** 0010-40**Report Date:** 04/19/19**SAMPLE RESULTS**

Lab ID: L1914659-02 D

Client ID: SSGS-2

Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Date Collected: 04/09/19 12:13

Date Received: 04/10/19

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	ND	2.00	--	ND	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	3.25	2.00	--	17.5	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	ND	2.00	--	ND	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	831	2.00	--	5640	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10



Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914659**Project Number:** 0010-40**Report Date:** 04/19/19**SAMPLE RESULTS**

Lab ID: L1914659-02 D

Date Collected: 04/09/19 12:13

Client ID: SSGS-2

Date Received: 04/10/19

Sample Location: 130 MIDLAND AVE., PORT CHESTER, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	97		60-140



Project Name: 130 MIDLAND AVENUE

Lab Number: L1914659

Project Number: 0010-40

Report Date: 04/19/19

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/18/19 16:45

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1227909-4								
Propylene	ND	0.500	--	ND	0.861	--		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
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
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: 130 MIDLAND AVENUE

Lab Number: L1914659

Project Number: 0010-40

Report Date: 04/19/19

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/18/19 16:45

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1227909-4								
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
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



Project Name: 130 MIDLAND AVENUE

Lab Number: L1914659

Project Number: 0010-40

Report Date: 04/19/19

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/18/19 16:45

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1227909-4								
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
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: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914659

Report Date: 04/19/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1227909-3								
Propylene	137	Q	-		70-130	-		
Dichlorodifluoromethane	79		-		70-130	-		
Chloromethane	105		-		70-130	-		
Freon-114	104		-		70-130	-		
Vinyl chloride	105		-		70-130	-		
1,3-Butadiene	118		-		70-130	-		
Bromomethane	98		-		70-130	-		
Chloroethane	113		-		70-130	-		
Ethanol	88		-		40-160	-		
Vinyl bromide	100		-		70-130	-		
Acetone	84		-		40-160	-		
Trichlorofluoromethane	104		-		70-130	-		
Isopropanol	92		-		40-160	-		
1,1-Dichloroethene	102		-		70-130	-		
Tertiary butyl Alcohol	101		-		70-130	-		
Methylene chloride	99		-		70-130	-		
3-Chloropropene	106		-		70-130	-		
Carbon disulfide	94		-		70-130	-		
Freon-113	101		-		70-130	-		
trans-1,2-Dichloroethene	103		-		70-130	-		
1,1-Dichloroethane	106		-		70-130	-		
Methyl tert butyl ether	111		-		70-130	-		
Vinyl acetate	108		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914659

Report Date: 04/19/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1227909-3								
2-Butanone	108		-		70-130	-		
cis-1,2-Dichloroethene	116		-		70-130	-		
Ethyl Acetate	111		-		70-130	-		
Chloroform	105		-		70-130	-		
Tetrahydrofuran	116		-		70-130	-		
1,2-Dichloroethane	106		-		70-130	-		
n-Hexane	104		-		70-130	-		
1,1,1-Trichloroethane	103		-		70-130	-		
Benzene	105		-		70-130	-		
Carbon tetrachloride	102		-		70-130	-		
Cyclohexane	109		-		70-130	-		
1,2-Dichloropropane	110		-		70-130	-		
Bromodichloromethane	104		-		70-130	-		
1,4-Dioxane	110		-		70-130	-		
Trichloroethene	106		-		70-130	-		
2,2,4-Trimethylpentane	110		-		70-130	-		
Heptane	108		-		70-130	-		
cis-1,3-Dichloropropene	114		-		70-130	-		
4-Methyl-2-pentanone	112		-		70-130	-		
trans-1,3-Dichloropropene	98		-		70-130	-		
1,1,2-Trichloroethane	108		-		70-130	-		
Toluene	103		-		70-130	-		
2-Hexanone	111		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Lab Number: L1914659

Report Date: 04/19/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1227909-3								
Dibromochloromethane	100		-		70-130	-		
1,2-Dibromoethane	103		-		70-130	-		
Tetrachloroethene	101		-		70-130	-		
Chlorobenzene	106		-		70-130	-		
Ethylbenzene	105		-		70-130	-		
p/m-Xylene	107		-		70-130	-		
Bromoform	98		-		70-130	-		
Styrene	108		-		70-130	-		
1,1,2,2-Tetrachloroethane	104		-		70-130	-		
o-Xylene	106		-		70-130	-		
4-Ethyltoluene	106		-		70-130	-		
1,3,5-Trimethylbenzene	106		-		70-130	-		
1,2,4-Trimethylbenzene	112		-		70-130	-		
Benzyl chloride	106		-		70-130	-		
1,3-Dichlorobenzene	104		-		70-130	-		
1,4-Dichlorobenzene	105		-		70-130	-		
1,2-Dichlorobenzene	105		-		70-130	-		
1,2,4-Trichlorobenzene	121		-		70-130	-		
Hexachlorobutadiene	116		-		70-130	-		

Project Name: 130 MIDLAND AVENUE

Project Number: 0010-40

Serial_No: 04191913:14
Lab Number: L1914659

Report Date: 04/19/19

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 Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1914659-01	SSGS-1	01241	SV200	04/08/19	289093		-	-	-	Pass	220	228	4
L1914659-01	SSGS-1	411	2.7L Can	04/08/19	289093	L1907385-01	Pass	-29.4	-5.2	-	-	-	-
L1914659-02	SSGS-2	0684	SV200	04/11/19	289630		-	-	-	Pass	219	226	3
L1914659-02	SSGS-2	151B	2.7L Can	04/08/19	289093	L1911129-01	Pass	-30.0	-5.4	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1907385
Report Date: 04/19/19

Air Canister Certification Results

Lab ID: L1907385-01
Client ID: CAN 411 SHELF 4
Sample Location:

Date Collected: 02/25/19 16:00
Date Received: 02/26/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 02/28/19 20:14
Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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
Project Number: CANISTER QC BAT

Lab Number: L1907385
Report Date: 04/19/19

Air Canister Certification Results

Lab ID: L1907385-01
Client ID: CAN 411 SHELF 4
Sample Location:

Date Collected: 02/25/19 16:00
Date Received: 02/26/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		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
Project Number: CANISTER QC BAT

Lab Number: L1907385
Report Date: 04/19/19

Air Canister Certification Results

Lab ID: L1907385-01
Client ID: CAN 411 SHELF 4
Sample Location:

Date Collected: 02/25/19 16:00
Date Received: 02/26/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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: L1907385
Report Date: 04/19/19

Air Canister Certification Results

Lab ID: L1907385-01
Client ID: CAN 411 SHELF 4
Sample Location:

Date Collected: 02/25/19 16:00
Date Received: 02/26/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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:** L1907385**Project Number:** CANISTER QC BAT**Report Date:** 04/19/19**Air Canister Certification Results**

Lab ID: L1907385-01

Date Collected: 02/25/19 16:00

Client ID: CAN 411 SHELF 4

Date Received: 02/26/19

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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	97		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	98		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1907385
Report Date: 04/19/19

Air Canister Certification Results

Lab ID: L1907385-01
Client ID: CAN 411 SHELF 4
Sample Location:

Date Collected: 02/25/19 16:00
Date Received: 02/26/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 02/28/19 20:14
Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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
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
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1907385
Report Date: 04/19/19

Air Canister Certification Results

Lab ID: L1907385-01
Client ID: CAN 411 SHELF 4
Sample Location:

Date Collected: 02/25/19 16:00
Date Received: 02/26/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
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
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1907385
Report Date: 04/19/19

Air Canister Certification Results

Lab ID: L1907385-01
Client ID: CAN 411 SHELF 4
Sample Location:

Date Collected: 02/25/19 16:00
Date Received: 02/26/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
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	114		60-140
bromochloromethane	118		60-140
chlorobenzene-d5	114		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1911129
Report Date: 04/19/19

Air Canister Certification Results

Lab ID: L1911129-01
Client ID: CAN 151B SHELF 2
Sample Location:

Date Collected: 03/20/19 18:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 03/21/19 18:46
Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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
Project Number: CANISTER QC BAT

Lab Number: L1911129
Report Date: 04/19/19

Air Canister Certification Results

Lab ID: L1911129-01
Client ID: CAN 151B SHELF 2
Sample Location:

Date Collected: 03/20/19 18:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		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
Project Number: CANISTER QC BAT

Lab Number: L1911129
Report Date: 04/19/19

Air Canister Certification Results

Lab ID: L1911129-01
Client ID: CAN 151B SHELF 2
Sample Location:

Date Collected: 03/20/19 18:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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: L1911129
Report Date: 04/19/19

Air Canister Certification Results

Lab ID: L1911129-01
Client ID: CAN 151B SHELF 2
Sample Location:

Date Collected: 03/20/19 18:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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:** L1911129**Project Number:** CANISTER QC BAT**Report Date:** 04/19/19**Air Canister Certification Results**

Lab ID: L1911129-01

Date Collected: 03/20/19 18:00

Client ID: CAN 151B SHELF 2

Date Received: 03/21/19

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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	96		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	96		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1911129
Report Date: 04/19/19

Air Canister Certification Results

Lab ID: L1911129-01
Client ID: CAN 151B SHELF 2
Sample Location:

Date Collected: 03/20/19 18:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 03/21/19 18:46
Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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
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
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1911129
Report Date: 04/19/19

Air Canister Certification Results

Lab ID: L1911129-01
Client ID: CAN 151B SHELF 2
Sample Location:

Date Collected: 03/20/19 18:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
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
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1911129
Report Date: 04/19/19

Air Canister Certification Results

Lab ID: L1911129-01
Client ID: CAN 151B SHELF 2
Sample Location:

Date Collected: 03/20/19 18:00
Date Received: 03/21/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
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	95		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	95		60-140



Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914659**Project Number:** 0010-40**Report Date:** 04/19/19**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

N/A Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1914659-01A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1914659-02A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914659**Project Number:** 0010-40**Report Date:** 04/19/19

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.
LCS D	- 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.
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.

Footnotes

Report Format: Data Usability Report

Project Name: 130 MIDLAND AVENUE**Lab Number:** L1914659**Project Number:** 0010-40**Report Date:** 04/19/19

- 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.

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.

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.

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 Condensation Product".
- 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.
- 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.
- 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: 130 MIDLAND AVENUE
Project Number: 0010-40

Lab Number: L1914659
Report Date: 04/19/19

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.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**Revision **12**

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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**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 6860:** SCM: Perchlorate**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-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.

[illegible]