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September 23, 2021

Chuck Lesnick
Managing Member
Broad Howard LLC
15 Albemarle Place
Yonkers, NY 10701

Re: Limited Phase II Environmental Site Assessment
Davel Realty Corporation Property
116 N. Broad Street and 1125, 1131, and 1135 Howard Street
City of Peekskill, Westchester County, NY
Chazen Project # 42137.00

Dear Mr. Lesnick:

The Chazen Companies (Chazen) has completed a Limited Phase II Environmental Site Assessment (ESA) at the above-referenced property (the "Site") (see **Figure 1**). This Limited Phase II ESA investigation was conducted to assess potential subsurface impacts to the Site from past uses of the property, and evaluate the potential for the Site to be eligible to enter into the Brownfield Cleanup Program (BCP). The investigation included sampling to address the following Recognized Environmental Conditions (RECs) identified by Chazen's August 2021 Phase I ESA :

- The eastern Site area (Lot 13 and part of Lot 16) was previously used as a pottery works and as clothing factories. Coal was used on this part of the Site, an underground gasoline tank was on this part of the Site, and the building had oil heat. The GPR survey indicated a possible UST within the footprint of the former Lot 13 building, and a possible former area of excavation was also identified south of the former Lot 13 building (in an area consistent with the location of a former gasoline tank indicated on Sanborn maps). No information was provided regarding the condition of the subsurface on this area of the Site in relation to the prior factory activities, the possible prior gasoline tank, or the area of the potential UST, which are considered RECs.
- The Site is mapped as Urban Land with potential for fill material of unknown composition. The related soil quality at the Site in unknown and is considered a REC.

This Phase II included performing a subsurface utility engineering (SUE) and ground penetrating radar (GPR) survey to remotely scan for evidence of subsurface anomalies suggesting the presence of potential underground storage tanks (USTs), backfilled excavations, and subsurface utilities to clear test pit and soil boring locations. The results of the SUE/GPR survey were available when the Phase I ESA was being finalized and were mentioned therein to help inform the findings. As these results are considered part of the Phase II ESA, the SUE/GPR findings are restated in this report. A focused subsurface investigation was completed to assess soil and groundwater conditions near identified anomalies and in REC areas. A total of 14 soil samples collected from five test pits and 11 soil borings, and three groundwater samples were collected from temporary groundwater monitoring wells (MWs) for laboratory analysis to evaluate soil and groundwater quality.

Chazen's methods, observations, results, conclusions, and recommendations are presented below.

Subsurface Utility and Ground Penetrating Radar Survey

On July 14, 2021, Chazen personnel performed the SUE and GPR survey near areas of former Site structures including the former pottery work and garment manufacturing building, and former residential dwellings (1125, 1131 and 1135 Howard Street) to remotely scan for subsurface anomalies, including potential USTs, buried utilities, evidence of disturbed soil, and buried debris.

The GPR survey indicated a possible UST within the footprint of the former commercial building on Lot 13. A possible backfilled excavation was also identified south of the former commercial building on Lot 13, in an area consistent with the location of a former elevator pits of concrete block construction indicated on Sanborn maps. Two underground lines with no identified use were also identified in this general area, and four underground lines with no identified use were observed extending onto the Site from Howard Street, in the general area of the former residential houses on Lots 16, 17, and 18. An electrical line was identified connecting to and between the eastern parking lot light poles.

The results of the GPR investigation are presented in **Figure 2**. The SUE and GPR survey did not include the southernmost portion of Lot 13 because of access limitations.

Test Pit Soil Sampling

On July 30, 2021, a Chazen environmental professional mobilized to the Site with subcontractor American Petroleum Equipment & Construction Co. (APECCO) of Walden, NY. Chazen directed the investigation, documented subsurface conditions, and prepared samples for laboratory analysis.

Test Pit Locations

Locations for five test pits (TP-01 through TP-05) were selected based on the findings of the Phase I ESA and the results of the SUE / GPR study. Test pits locations are shown on **Figure 3** and described below:

- Test pit **TP-01** location was selected to evaluate subsurface conditions in the vicinity of an SUE/ GPR anomaly suspected to be a UST identified in the northeastern portion of Lot 13;
- Test pit **TP-02** location was selected to evaluate subsurface conditions in the vicinity of a possible backfilled excavation identified south of the former commercial building on Lot 13 by the SUE / GPR survey, in an area consistent with the location of a former elevator pits indicated on Sanborn maps;
- Test pit **TP-03** location was selected to evaluate subsurface conditions within the footprint of a former residential building in the northern portion of Lot 16,
- Test pit **TP-04** location was selected to evaluate subsurface conditions within the footprint of a former residential building in the northern portion of Lot 17, and
- Test pit **TP-05** location was selected to evaluate subsurface conditions within the footprint of a former residential building in the northern portion of Lot 18.

Test Pit Observations and Sampling

Test pits were advanced by APECCO using a John Deere 35D mini excavator. Soils were characterized and screened for visual and olfactory evidence of contamination as well as the presence of volatile organic compounds (VOCs) using a photoionization detector (PID). Descriptive test pit logs, which provide a record of the subsurface conditions encountered, are presented in **Appendix A**.

Test pits TP-01 through TP-05 did not exhibit staining, odors, or PID readings greater than 0.0 ppm. Evidence of historical fill material, including construction and demolition (C&D) debris, brick, concrete, wire, and ash, was

noted in each of the five test pits. Groundwater was not encountered in the test pits. Test pits TP-01 and TP-02 contained historic fill material to their full depths of 7.0 and 7.5 feet below ground surface (ft bgs), respectively. TP-01 contained concrete with wire mesh. TP-02 revealed the presence of a concrete structure which is consistent with the presence of former elevator pit of concrete block construction. Test pit TP-03 contained historic fill material from grade to 3 ft bgs. Test pit TP-04 contained historic fill material from grade to 5 ft bgs. Native sandy soils were encountered beneath the fill in these locations. Test pit TP-05 contained historic fill material to its full depth of 5 ft bgs and also contained C&D debris such as cementitious panel fragments, asphalt materials, stucco, and wallpaper. One soil sample was collected from each test pit TP-01 through TP-05. Samples were collected from near the base of the observed fill layer in each of these locations and analyzed for VOCs, SVOCs, metals, and / or PCBs.

Based on field observations, select observed C&D debris from TP-05 was segregated by a Chazen NYSDOL licensed asbestos inspector (Eric Orlowski Certificate Number 11-01685) and analyzed for asbestos content. A total of five different building materials were identified. Two samples of each material were submitted for analysis by the laboratory. The attached lab report confirms the following materials observed in TP-05 are asbestos-containing: Transite-type siding / paneling (sample ID: 03-TRA-01A) and black tar-type material (sample ID: 05-TAR-01A).

Subsurface Soil and Groundwater Sampling

On August 16, 2021, a Chazen environmental professional mobilized to the Site with drilling subcontractor Core Down Drilling (Core Down) of Brewster, NY. Chazen directed the investigation, documented subsurface conditions, and prepared samples for laboratory analysis.

Locations for the 11 soil borings (identified as SB-01 through SB-11) were selected based on the findings of the Phase I ESA, the results of the SUE / GPR study, and test pits observations. Soil boring locations are shown on **Figure** 3 and described below:

- Soil borings **SB-01**, **SB-02**, and **SB-05 were** advanced to evaluate subsurface conditions in the eastern portion of Lot 13,
- Soil boring **SB-03** was advanced to evaluate subsurface conditions in the northern portion of Lot 13 and to represent upgradient conditions,
- Soil boring **SB-04, SB06,** and **SB07** was advanced to assess for evidence of a release in the vicinity of an historically mapped gasoline UST and elevator pits, as well as to evaluate subsurface conditions in the southern portion of Lot 13,
- Soil boring **SB-08** and **SB-10** were advanced to evaluate subsurface conditions in Lot 16,
- Soil boring **SB-09** was advanced to evaluate subsurface conditions in the northern portion of Lot 18, and
- Soil boring **SB-11** was advanced to evaluate subsurface conditions in the Lot 17.

Soil cores were collected continuously from grade to the terminal depth. The soil cores were characterized and screened for visual and olfactory evidence of contamination as well as the presence of VOCs using a PID. Descriptive boring logs, which provide a record of the subsurface conditions encountered in each boring, are presented in **Appendix A**.

Evidence of historic fill material was observed in boring locations SB-01 through SB-10. Observed fill materials included C&D debris, brick, concrete and ash, consistent with the past commercial usage of the area. Historic fill material was typically present in the upper 4 to 8 feet of the soil cores, with native sandy/silty soils beneath.

Borings SB-01, SB-02, SB-03, SB-05, SB-06, SB-08, SB-10 and SB-11 did not exhibit staining, odors, or PID readings greater than 0.0 ppm. SB-05 terminated at refusal on apparent bedrock at 5 ft bgs). Borings SB-04 and SB-07 exhibited grey staining and apparent hydrocarbon odors starting at approximately 4 to 6 ft bgs and extending to the base of these borings which terminated at refusal on apparent bedrock at 11 ft bgs. A PID reading of 267 ppm was detected in soil at 8 ft bgs at SB-04 while a PID reading of 345 ppm was detected in soil at 9 ft bgs at SB-07. Based on the field observations, including proximity of borings SB-04 and SB-07 to the historically mapped gasoline UST spill was reported to NYSDEC, who assigned Spill No. 2104650. Boring SB-09 exhibited grey staining and odors starting at approximately 4 to 6 ft bgs and extending to the base of the boring which terminated at refusal on apparent bedrock at ft bgs).

Groundwater was encountered in borings SB-04, SB-06, SB-07 and SB-09 at depths of approximately 7 to 8 ft bgs. Temporary groundwater monitoring wells (MWs) constructed of one-inch diameter polyvinyl chloride (PVC) were installed at SB-06, SB-07 and SB-09 (MW1, MW-2, and MW-3, respectively) to facilitate the collection of groundwater samples. The MWs were removed after sampling and boreholes were backfilled appropriately.

One soil sample was collected from each boring SB-01 through SB-10, except for boring SB-05 which was not sampled because of shallow refusal and the absence of any evidence of potential contamination. No soil sample was obtained from SB-11 due to the absence of observed petroleum impacts or evidence of fill materials. Samples were generally collected from within the fill material horizon except at locations SB-04, SB-07 and SB-09 where soil samples were targeted to the depth representing the greatest potential petroleum impacts (based on PID readings).

Groundwater samples collected from the three MWs were analyzed for the same suite of compounds as soil samples collected at these borings.

Data Quality Objectives

The samples were submitted to York Analytical Laboratories (York) of Stratford, Connecticut for analysis. The analyses selected for each sample were based on the suspect contaminants of concern, as summarized below in Table 1. The analyses were performed using ASP methodology and a 5-day turnaround time.

Table 1 – Data Quality Objectives

Sample Location	Lot No.	Soil Sample Depth (ft. bgs.)	Groundwater Sample	Analysis	Refusal Depth (ft. bgs)
TP-01	13	7		375 SVOCs, Metals, PCBs	NA
TP-02	13	7.5		CP-51 SVOCs, PCBs	NA
TP-03	16	3		375 SVOCs, Metals, PCBs	NA
TP-04	17	5		376 SVOCs, Metals, PCBs	NA
TP-05	18	5		377 SVOCs, Metals, PCBs	NA
SB-01	13	2-4		375 SVOCs and Metals	7
SB-02	13	2-4		375 SVOCs and Metals	6
SB-03	13	2-4		375 SVOCs and Metals	7
SB-04	13	8-10		375 VOCs, SVOCs, Metals, PCBs	11
SB-05	13	NS		No Sample.	4
SB-06 / MW-01	13	5-7	upgradient of gasoline UST	Soil: 375 VOCs, SVOCs, Metals, PCBs. GW: 375 VOCs, SVOCs, Metals (total and dissolved)	10
SB-07 / MW-02	13	6-8	downgradient of gasoline UST	Soil: 375 VOCs, SVOCs, Metals, PCBs. GW: 375 VOCs, SVOCs, Metals (total and dissolved), PCBs	11
SB-08	16	1-3		375 SVOCs and Metals	8
SB-09 / MW-03	18	7-8	Lot 19	375 VOCs, SVOCs, Metals	10
SB-10	16	2-4		375 SVOCs and Metals	6.8
SB-11	17	NS		No Sample	9

Analytical Results

Laboratory analytical data were reviewed and compared to applicable NYSDEC standards, criteria, and guidance values (SCGs). Soil sample results were compared to 6 NYCRR Part 375 Soil Cleanup Objectives (SCOs). Groundwater sample results were compared to NYSDEC Division of Water Technical and Operational Guidance (TOGS) 1.1.1 ambient water quality criteria (AWQC) for groundwater. Data summary tables are attached (**Tables 2 through 4**) and the analytical laboratory reports are attached.

Analytical results for the soil and groundwater are summarized below.

Soil Sample Results

Analytical results were compared to Title 6 of the New York Codes, Rules and Regulations (NYCRR), Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs). As the Site data are being evaluated for potential NYSDEC BCP eligibility, soil data were compared to 6 NYCRR Part 375 Soil Cleanup Objectives (SCOs).The analytical results for soil samples are summarized in **Tables 2 and 3** and are presented in **Figure 3**. Full laboratory reports are included in **Appendix B**.

Commercial Use SCO Exceedances

Soil samples from Lot 13 (SB-1, SB-2, SB-4), Lot 16 (SB-8), Lot 17 (TP-4), and Lot 18 (TP-5) contained constituents of concern (COCs) that exceeded the commercial use soil cleanup objective (CUSCO) as follows:

- TP-4 contained Arsenic (20.7 mg/kg vs 16 mg/kg CUSCO),
- TP-5 contained Arsenic (16.9 mg/kg vs 16 mg/kg CUSCO).
- SB-1 contained Benzo(a)pyrene (3.2 mg/kg vs 1.0 mg/kg CUSCO) and Dibenzo(a,h)anthracene (0.755 mg/kg vs 0.56 mg/kg CUSCO),
- SB-2 contained Benzo(a)pyrene (4.85 mg/kg vs 1.0 mg/kg CUSCO) and Dibenzo(a,h)anthracene (1.32 mg/kg vs 0.56 mg/kg CUSCO),
- SB-4 contained Benzo(a)pyrene (1.230 mg/kg vs 1.0 mg/kg CUSCO), and

- SB-8 contained Mercury (6.59 mg/kg vs 2.8 mg/kg CUSCO).

Restricted Residential Use SCO Exceedances

In addition the to the CUSCOs exceedances listed above, soil samples from Lot 13 (TP-2, SB-1, SB-2, and SB-4), Lot 16 (SB-8 and SB-10), Lot 17 (TP-4), and Lot 18 (TP-5) contained COCs that exceeded the restricted-residential use SCO (RRUSCO) but were below the CUSCOs as follows:

- TP-2 contained Indeno(1,2,3-cd)pyrene (0.722 mg/kg vs 0.5 mg/kg RRUSCO),
- SB-1 contained Benzo(a)anthracene (3.34 mg/kg vs 1.0 mg/kg RRUSCO), Benzo(b)fluoranthene (2.94 mg/kg vs 1.0 mg/kg RRUSCO), Lead (407 mg/kg vs 400 mg/kg RRUSCO), and Mercury (0.881 mg/kg vs 0.81 mg/kg RRUSCO).
- SB-2 contained Benzo(a)anthracene (4.88 mg/kg vs 1.0 mg/kg RRUSCO), Benzo(b)fluoranthene (5.06 mg/kg vs 1.0 mg/kg RRUSCO), Benzo(k)fluoranthene (4.15 mg/kg vs 3.9 mg/kg RRUSCO), Chrysene (5.07 mg/kg vs 3.9 mg/kg RRUSCO), Indeno(1,2,3-cd)pyrene (4.3 mg/kg vs 0.5 mg/kg RRUSCO),
- SB-4 contained Benzo(a)anthracene (1.14 mg/kg vs 1.0 mg/kg RRUSCO), Benzo(b)fluoranthene (1.17 mg/kg vs 1.0 mg/kg RRUSCO), and Indeno(1,2,3-cd)pyrene (0.943 mg/kg vs 0.5 mg/kg RRUSCO), and
- SB-10 contained Mercury (0.927 mg/kg vs 0.81 mg/kg RRUSCO).

Residential Use SCO Exceedances

In addition the to the RRUSCOs exceedances listed above, soil samples from Lot 13 (TP-2, SB-1, SB-2, and SB-4), Lot 16 (SB-8 and SB-10), Lot 17 (TP-4), and Lot 18 (TP-5) contained COC that exceeded the residential use SCO (RUSCO) as follows:

- SB-1 contained Benzo(k)fluoranthene (2.73 mg.kg vs 1.0 mg/kg RUSCO), Chrysene (3.31 mg/kg vs 1.0 mg/kg RUSCO), and Indeno(1,2,3-cd)pyrene (2.74 mg/kg vs 0.5 RUSCO), and
- SB-4 contained Benzo(k)fluoranthene (1.0 mg/kg vs 1.0 mg/kg RUSCO), Chrysene (1.2 mg/kg vs 1.0 mg/kg RUSCO).

Unrestricted Use SCO Exceedances

In addition the to the RUSCOs exceedances listed above, soil samples from Lot 13 (TP-1, TP-2, SB-1, SB-2, SB-3 SB-4, and SB-7), Lot 16 (TP-3, SB-8, and SB-10), Lot 17 (TP-4), and Lot 18 (TP-5) contained COCs that exceeded the unrestricted SCO (UUSCO) as follows:

- TP-1 contained Lead (380 mg/kg vs 63 mg/kg UUSCO), Zinc (182 mg.kg vs 109 mg/kg UUSCO), and Mercury (0.480 mg/kg vs 0.18 mg/kg UUSCO),
- TP-3 contained Lead (112 mg/kg vs 63 mg/kg UUSCO) and Zinc (120 mg/kg vs 109 mg/kg UUSCO),
- TP-5 contained Lead (148 mg/kg vs 63 mg/kg UUSCO), and Zinc (133 mg/kg vs 109 mg/kg UUSCO),
- SB-1 contained Zinc (178 mg/kg vs 109 mg/kg UUSCO),
- SB-2 contained Lead (258 UUSCO mg/kg vs 63 mg/kg UUSCO) and Zinc (200 mg/kg vs 109 mg/kg UUSCO),
- SB-3 contained Lead (96.5 mg/kg vs 63 mg/kg UUSCO),
- SB-4 contained Lead (125 mg/kg vs 63 mg/kg UUSCO), Zinc (110 mg/kg vs 109 mg/kg UUSCO), and Mercury (0.412 mg/kg vs 0.18 mg/kg UUSCO),

- SB-7 contained 1,2,4-Trimethylbenzene (3.9 mg/kg vs 3.6 mg/kg UUSCO), Ethyl Benzene (3.7 mg/kg vs 1.0 mg/kg UUSCO), Methylene Chloride (1.3 mg/kg vs 0.05 mg/kg UUSCO), Naphthalene (46 mg/kg vs 12 mg/kg UUSCO), and n-Propylbenzene (5.9 mg/kg vs 3.9 mg/kg UUSCO),
- SB-8 contained Arsenic (13.100 mg/kg vs 13 mg/kg UUSCO), Lead (211 mg/kg vs 63 mg/kg UUSCO), Zinc (177 mg/kg vs 109 mg/kg UUSCO), and
- SB-10 contained Lead (228 mg/kg vs 63 mg/kg UUSCO), and Zinc (235 mg/kg vs 109 mg/kg UUSCO).

Groundwater Sample Results

Analytical results were compared to New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operation Guidance Series (TOGS) Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA (drinking water). Analytical results from the groundwater samples are summarized in **Table 4** and presented in **Figure 4**. Full laboratory reports are included in **Appendix B**.

VOCs

Seven VOCs were detected in groundwater at concentrations above TOGS Class GA SGVs (SGVs are shown in parentheses):

- 1,2,4-Trimethylbenzene – 16.7 µg/L at MW-02 (5 µg/L),
- 1,3,5-Trimethylbenzene – 13.2 µg/L at MW-02 (5 µg/L),
- Benzene – 42.2 µg/L at MW-02 (1 µg/L),
- Ethylbenzene – 33.1 µg/L at MW-02 (5 µg/L),
- n-Butylbenzene – 17.2 µg/L at MW-02 (5 µg/L),
- n-Propylbenzene – 35.2 µg/L at MW-02 (5 µg/L),
- Naphthalene – 365 µg/L in TMW09 (10 µg/L), and
- Total Xylenes – 10.5 µg/L in TMW09 (5 µg/L).

SVOCs

Nine SVOCs were detected in in groundwater at concentrations above TOGS Class GA SGVs (SGVs are shown in parentheses):

- Benzo(a)anthracene – 0.122 at MW-01 and 94 µg/L at MW-02 (0.002 µg/L),
- Benzo(a)pyrene – 0.144 µg/L at MW-01 (0.002 µg/L),
- Benzo(b)fluoranthene – 0.122 µg/L at MW-01 (0.002 µg/L),
- Benzo(k)fluoranthene – 0.133 µg/L at MW-01 (0.002 µg/L),
- Chrysene – 0.111 µg/L at MW-01 (0.002 µg/L),
- Indeno(1,2,3-cd)pyrene – 0.0889 at MW-01 (0.002 µg/L),
- Naphthalene – 48,400 µg/L (10 µg/L),
- Phenanthrene – 61,400 µg/L (50 µg/L), and
- Pyrene – 1,880 µg/L (50 µg/L).

Metals

Five total and one dissolved metal were detected in groundwater at concentrations exceeding their respective TOGS Class GA SGVs. The detected concentration ranges of dissolved and total metals that exceeded TOGS Class GA SGVs are presented below (TOGS Class GA SGVs are shown in parentheses):

Dissolved Metals

- Manganese – 358 µg/L at MW-01, 5,920 µg/L at MW-02, and 1,040 µg/L at MW-03.

Total Metals

- Arsenic – 87.2 µg/L at MW-01 and 107 µg/L at MW-02 (25 µg/L),
- Chromium – 146 µg/L at MW-01 and 131 µg/L at MW-02 (50 µg/L),
- Copper – 207 µg/L at MW-01 (200 µg/L).
- Lead – 56.7 µg/L at MW-01 and 61.6 µg/L at MW-02 (25 µg/L), and
- Manganese – 3,850 µg/L at MW-01, 7,650 µg/L at MW-02, and 1,140 µg/L at MW-03 (300 µg/L).

Asbestos-Containing Material

C&D observed at TP-05 (Lot 18) indicates the presence of non-friable Asbestos-Containing Material (ACM) including transite-type siding / paneling and black tar-type material.

Conclusions

Chazen conducted a Limited Phase II ESA to assess potential subsurface impacts at the Site with respect to underground storage tanks and general soil quality conditions associated with urban fill. These investigation activities included a SUE/GPR survey, test pitting and soil borings, and the collection of soil and groundwater samples for laboratory analysis.

The GPR survey indicated a possible UST within the footprint of the former commercial building on Lot 13. Test pitting activities of this area (TP-01) indicated the presence of concrete containing wire mesh; however, no evidence of a UST was observed. Soil samples from this area (TP-01 and SB-01) contained lead and mercury concentrations greater than UUSCOs and RUSCOs, but were less than the CUSCOs.

The GPR survey indicated a possible backfilled excavation in the vicinity of former elevator pits south of the former commercial building on Lot 13. Test pitting activities (TP-02) confirmed the presence of concrete block construction consistent with the former elevator pits that were indicated on Sanborn maps. Soil boring SB-04, which was advanced on the downgradient side of the elevator pits, contained SVOCs and metals at concentrations that exceeded CUSCOs in a soil sample collected from 8 to 10 ft bgs. Soil boring SB-06, which was advanced on the upgradient side of the elevator pits, did not contain COCs at concentrations that exceeded SCOs in a soil sample collected from 5 to 7 ft bgs.

The location of the former gasoline UST on Lot 13 could not be confirmed due to access limitations. Field observations at soil boring SB-07 and temporary monitoring well MW-02 indicated that a petroleum release occurred. These observations were further confirmed by sampling results that identified UUSCO exceedances of naphthalene and VOCs in soil that are less than the RUSCO, and, more notably, VOCs and SVOCs in groundwater at concentrations greater than the SCGs. A spill was reported to NYSDEC which assigned Spill Number 2104650.

A groundwater sample collected at MW-01, which is located near the eastern boundary of lot 13 and

upgradient of the former gasoline UST, contained SVOCs that do not appear to be associated with gasoline and which may indicate the presence of an up-gradient source of contaminated groundwater migrating onto the Site. A soil sample collected at SB-06, which is co-located with MW-01, did not contain COCs that exceed SCOs. A soil sample was not collected at SB-05, which is located immediately east of SB-06 / MW-01, because the soil did not show visual or olfactory evidence of impacts and PID readings for VOCs in soil were non-detect.

Field observations from test pits and soil borings and laboratory analytical results for soil samples indicate the presence of contaminated historic fill material containing construction and demolition (C&D) debris, brick, concrete, wire, and ash throughout Lots 13, 16, 18, and 19 to depths ranging from approximately 2-3 ft bgs to at least 7.5 ft bgs. Soil samples from Lot 13 (SB-1, SB-2, SB-4), Lot 16 (SB-8), Lot 17 (TP-4), and Lot 18 (TP-5) contained SVOCs and Metals, including Arsenic and Mercury, at concentrations that exceed CUSCOs. Soil samples from Lot 13 (TP-2, SB-1, SB-2, and SB-4), Lot 16 (SB-8 and SB-10), Lot 17 (TP-4), and Lot 18 (TP-5) contained SVOCs and Metals, including Lead and Mercury, at concentrations that that exceed RRUSCOs.

C&D observed at TP-05 (Lot 18) indicates the presence of non-friable ACM including transite-type siding / paneling and black tar-type material.

Recommendations

Confirm the presence and location of the former gasoline UST, remove the UST and petroleum-contaminated soil, and further investigate the SVOC groundwater plume.

The contaminated historic fill material will require proper characterization, handling, and proper disposal should the properties be redeveloped. Cleanup and disposal of the asbestos debris will require a site-specific variance application prepared by a certified asbestos project designer for submittal to the New York State Department of Labor and will need to be performed in accordance with the variance and all other requirements of New York State Industrial Code Rule 56.

Based on the data presented herein, an application should be prepared the Site to enter the Site into the New York State Brownfield Cleanup Program.

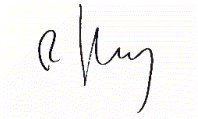
Limitations

The information presented herein summarizes the activities in the project areas of concern. The data and conclusions represent those portions of the Site analyzed as of the date of the fieldwork, and they are not relevant to any other portions of this Site or any other property. Chazen also cannot be held accountable for activities or events that may have affected the distribution of detected compounds after the date of the fieldwork.

The scope of work for this project is based on generally accepted practices and established protocols and prior discussion with the project team. The findings and conclusions are, therefore, properly considered probabilities based on professional judgment and available site data, but do not constitute absolute certainty that all possible compounds have now been identified on this Site.

Please feel free to contact me at 917-280-6364 or rkampf@chazencompanies.com if you have any questions.

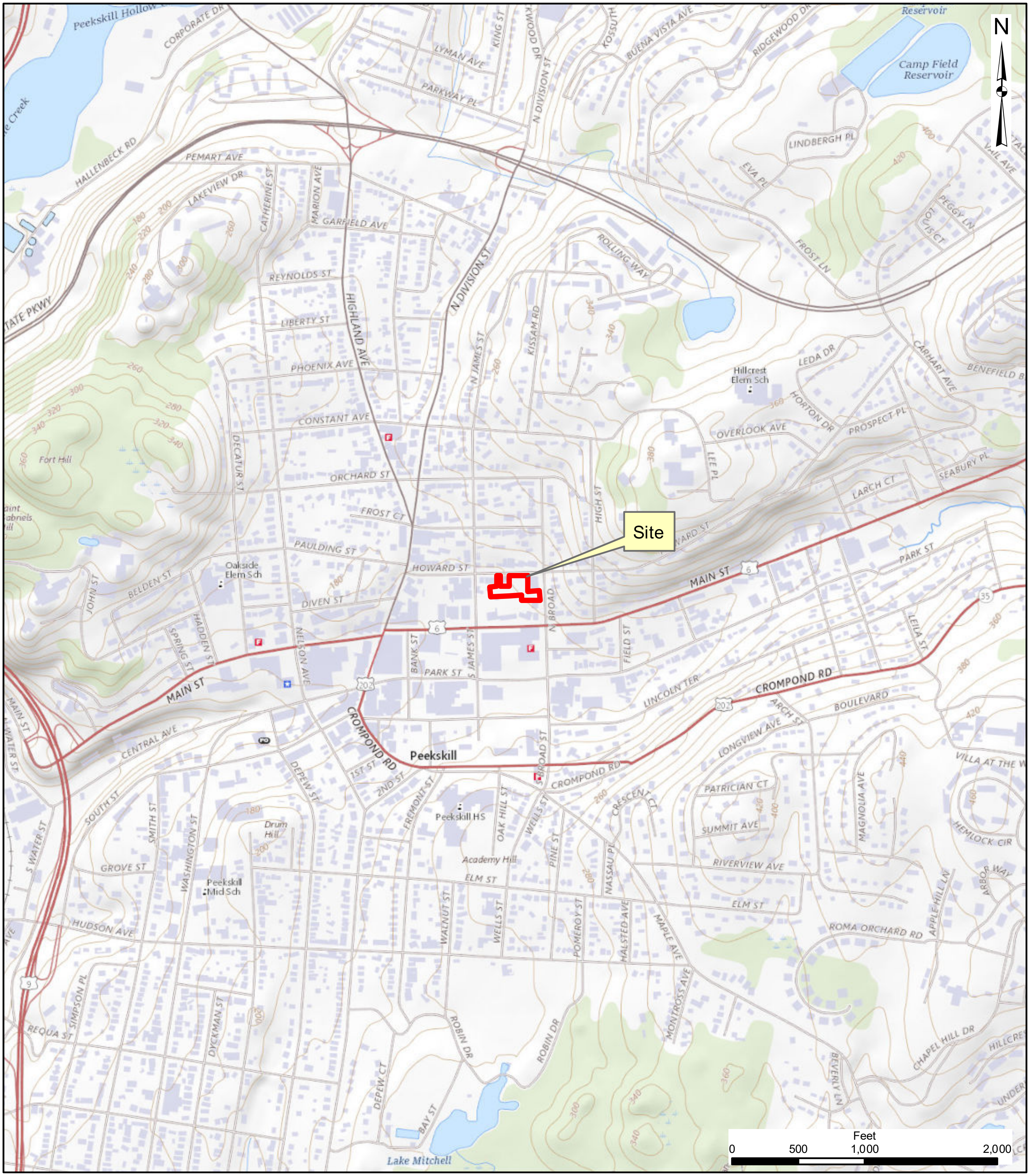
Sincerely,



Richard T. Kampf, PG, LEP
Director, New York City Office

Attachments:

Figure 1 - Site Location Map
Figure 2 - GPR Investigation Results Map
Figure 3 - Soil Sampling Exceedances
Figure 4 - Groundwater Sampling Exceedances
Table 1 - Data Quality Objectives
Table 2 - Test Pit Soil Sample Analytical Results
Table 3 - Soil Boring Soil Sample Analytical Results
Table 4 – Groundwater Sample Analytical Results
Appendix A - Boring Logs
Appendix B - Laboratory Analytical Results



THE Chazen COMPANIES	
Proud to Be Employee Owned Engineers Land Surveyors Planners Environmental & Safety Professionals Landscape Architects	***Hudson Valley Office:*** 21 Fox Street, Poughkeepsie, NY 12601 ***Capital District Office:*** 547 River Street, Troy, NY 12180 ***North Country Office:*** 20 Elm Street, Suite 110, Glens Falls, NY 12801 ***Westchester County Office:*** 1 North Broadway, Suite 803, White Plains, NY 10601 www.chazencompanies.com Phone: (888) 539-9073

Davel Realty Corporation Properties
and parts of Louise Gardens, Inc.,
and 1119 Howard Street LLC Properties

Figure 1: Site Location Map

1115, 1119, 1123, 1125, 1131, 1135 Howard Street, and 116 North Broad Street
City of Peekskill, Westchester County, NY

Source: Westchester County 2015 Tax Parcel Dataset;
US Topo. 2018 - USGSTopo (MapServer) Layer: USGS TNM Topo Base Map. Accessed 16 September 2021

Drawn:	MO
Date:	9/16/21
Scale:	1 inch equals 1,000 feet
Project:	42137.00
Figure:	1

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THE Chazen COMPANIES
Proud to be Employee Owned
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CHAZEN ENGINEERING, LAND SURVEYING, LANDSCAPE ARCHITECTURE & GEOLOGY CO., D.P.C.

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Davel Realty Corporation Properties
and parts of Louise Gardens, Inc.,
and 1119 Howard Street LLC Properties

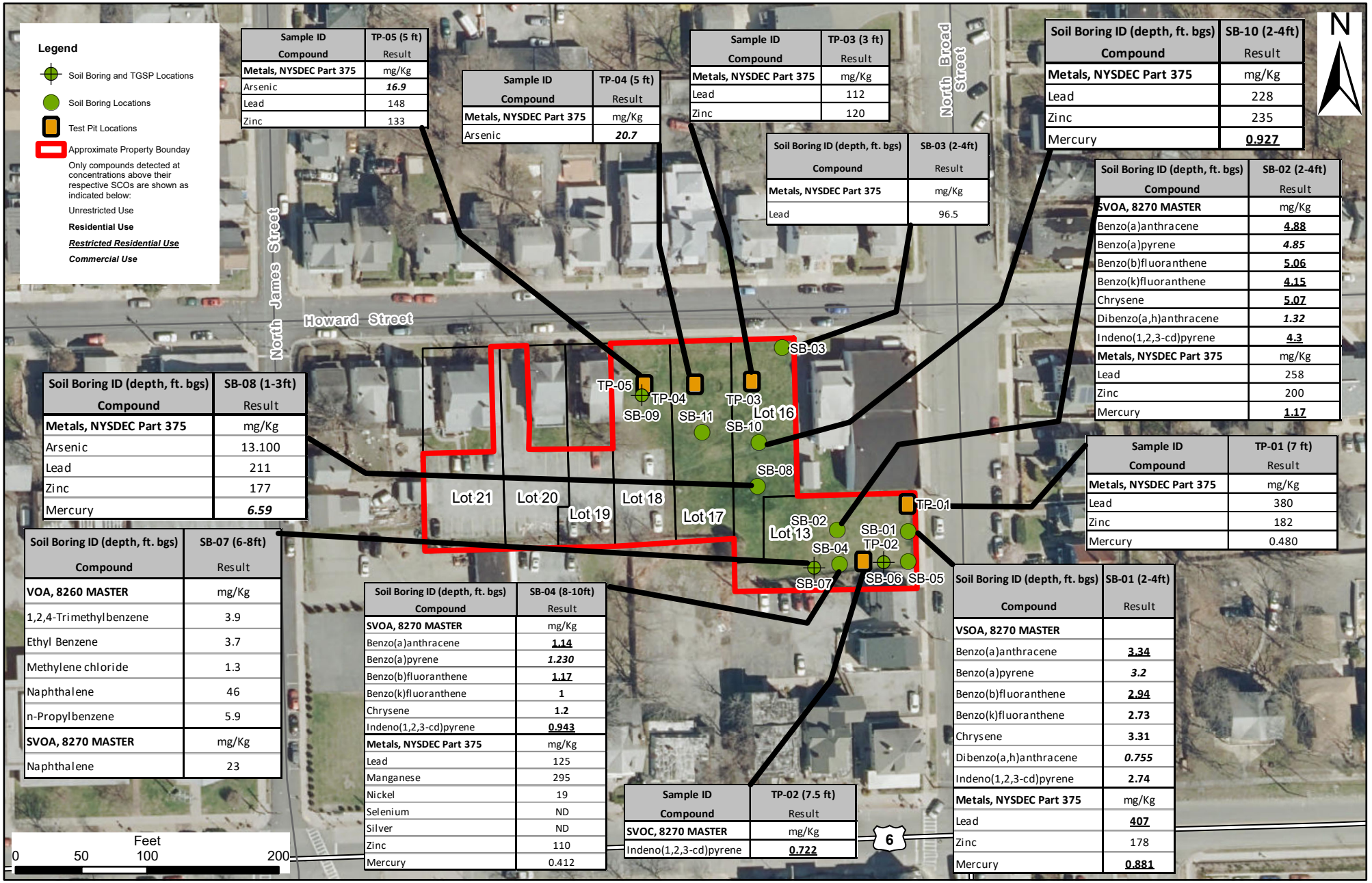
Figure 2: GPR Investigation Results Map

1115, 1119, 1123, 1125, 1131, 1135 Howard Street, and 116 North Broad Street
City of Peekskill, Westchester County, NY

Source: Westchester County 2015 Tax Parcel Dataset; NYS Department of Transportation 2008 Roads Dataset; NYS Office of Technology 2016 orthophoto imagery

Drawn:	MO
Date:	9/16/21
Scale:	1 inch equals 50 feet
Project:	42137.00
Figure:	2

Document Path: Z:\projects\42100-42199\42137.00_BroadHoward_Peekskill_PIESA+\GIS\Maps\PIIESA\PIIESAFigure2.mxd



Sample ID	TP-05 (5 ft)
Compound	Result
Metals, NYSDEC Part 375	mg/Kg
Arsenic	***16.9***
Lead	148
Zinc	133

Sample ID	TP-04 (5 ft)
Compound	Result
Metals, NYSDEC Part 375	mg/Kg
Arsenic	***20.7***

Sample ID	TP-03 (3 ft)
Compound	Result
Metals, NYSDEC Part 375	mg/Kg
Lead	112
Zinc	120

Soil Boring ID (depth, ft. bgs)	SB-10 (2-4ft)
Compound	Result
Metals, NYSDEC Part 375	mg/Kg
Lead	228
Zinc	235
Mercury	**0.927**

Soil Boring ID (depth, ft. bgs)	SB-03 (2-4ft)
Compound	Result
Metals, NYSDEC Part 375	mg/Kg
Lead	96.5

Soil Boring ID (depth, ft. bgs)	SB-02 (2-4ft)
Compound	Result
SVOA, 8270 MASTER	mg/Kg
Benzo(a)anthracene	**4.88**
Benzo(a)pyrene	***4.85***
Benzo(b)fluoranthene	**5.06**
Benzo(k)fluoranthene	**4.15**
Chrysene	**5.07**
Dibenzo(a,h)anthracene	***1.32***
Indeno(1,2,3-cd)pyrene	**4.3**
Metals, NYSDEC Part 375	mg/Kg
Lead	258
Zinc	200
Mercury	**1.17**

Soil Boring ID (depth, ft. bgs)	SB-08 (1-3ft)
Compound	Result
Metals, NYSDEC Part 375	mg/Kg
Arsenic	13.100
Lead	211
Zinc	177
Mercury	***6.59***

Sample ID	TP-01 (7 ft)
Compound	Result
Metals, NYSDEC Part 375	mg/Kg
Lead	380
Zinc	182
Mercury	0.480

Soil Boring ID (depth, ft. bgs)	SB-07 (6-8ft)
Compound	Result
VOA, 8260 MASTER	mg/Kg
1,2,4-Trimethylbenzene	3.9
Ethyl Benzene	3.7
Methylene chloride	1.3
Naphthalene	46
n-Propylbenzene	5.9
SVOA, 8270 MASTER	mg/Kg
Naphthalene	23

Soil Boring ID (depth, ft. bgs)	SB-04 (8-10ft)
Compound	Result
SVOA, 8270 MASTER	mg/Kg
Benzo(a)anthracene	**1.14**
Benzo(a)pyrene	***1.230***
Benzo(b)fluoranthene	**1.17**
Benzo(k)fluoranthene	**1**
Chrysene	**1.2**
Indeno(1,2,3-cd)pyrene	**0.943**
Metals, NYSDEC Part 375	mg/Kg
Lead	125
Manganese	295
Nickel	19
Selenium	ND
Silver	ND
Zinc	110
Mercury	0.412

Sample ID	TP-02 (7.5 ft)
Compound	Result
SVOC, 8270 MASTER	mg/Kg
Indeno(1,2,3-cd)pyrene	**0.722**

Soil Boring ID (depth, ft. bgs)	SB-01 (2-4ft)
Compound	Result
VSOA, 8270 MASTER	
Benzo(a)anthracene	**3.34**
Benzo(a)pyrene	***3.2***
Benzo(b)fluoranthene	**2.94**
Benzo(k)fluoranthene	**2.73**
Chrysene	**3.31**
Dibenzo(a,h)anthracene	***0.755***
Indeno(1,2,3-cd)pyrene	**2.74**
Metals, NYSDEC Part 375	mg/Kg
Lead	**407**
Zinc	178
Mercury	**0.881**

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Figure 3: Soil Sample Exceedances

1115, 1119, 1123, 1125, 1131, 1135 Howard Street, and 116 North Broad Street
City of Peekskill, Westchester County, NY

Source: Westchester County 2015 Tax Parcel Dataset; NYS Department of Transportation 2008 Roads Dataset; NYS Office of Technology 2016 orthophoto imagery

Drawn:	BWF/MO
Date:	9/16/21
Scale:	1 inch equals 100 feet
Project:	42137.00
Figure:	3

Document Path: Z:\projects\42100-42199\42137.00_BroadHoward_Peekskill_PIESA+\GIS\Maps\PIIESA\PIIESAFigure3.mxd

Only compounds detected at concentrations above their respective SGVs are shown

Groundwater Sample ID (depth, ft. bgs) Compound	MW-03 Result
Metals, NYSDEC Part 375 - Total	ug/L
Manganese	**1,140**
Metals, NYSDEC Part 375-Dissolved	ug/L
Manganese	**1,040**

Groundwater Sample ID (depth, ft. bgs) Compound	MW-02 Result
VOA, 8260 LOW MASTER	ug/L
1,2,4-Trimethylbenzene	**16.7**
1,3,5-Trimethylbenzene	**13.2**
Benzene	**42.2**
Ethyl Benzene	**33.1**
Naphthalene	**365**
n-Butylbenzene	**17.2**
n-Propylbenzene	**35.2**
Xylenes, Total	**10.5**
SVOA, 8270 SIM MASTER	ND
Benzo(a)anthracene	**94**
Naphthalene	**48,400**
Phenanthrene	**61,400**
Pyrene	**1,880**
Metals, NYSDEC Part 375 - Total	ug/L
Arsenic	**107**
Chromium	**131**
Lead	**61.6**
Manganese	**7,640**
Metals, NYSDEC Part 375-Dissolved	ug/L
Manganese	**5,920**

Groundwater Sample ID (depth, ft. bgs) Compound	MW-01 Result
SVOA, 8270 SIM MASTER	ug/L
Benzo(a)anthracene	**0.122**
Benzo(a)pyrene	**0.144**
Benzo(b)fluoranthene	**0.122**
Benzo(k)fluoranthene	**0.133**
Chrysene	**0.111**
Indeno(1,2,3-cd)pyrene	**0.0889**
Metals, NYSDEC Part 375 - Total	ug/L
Arsenic	**87.2**
Chromium	**146**
Copper	**207**
Lead	**56.7**
Manganese	**3,850**
Metals, NYSDEC Part 375-Dissolved	ug/L
Manganese	**358**

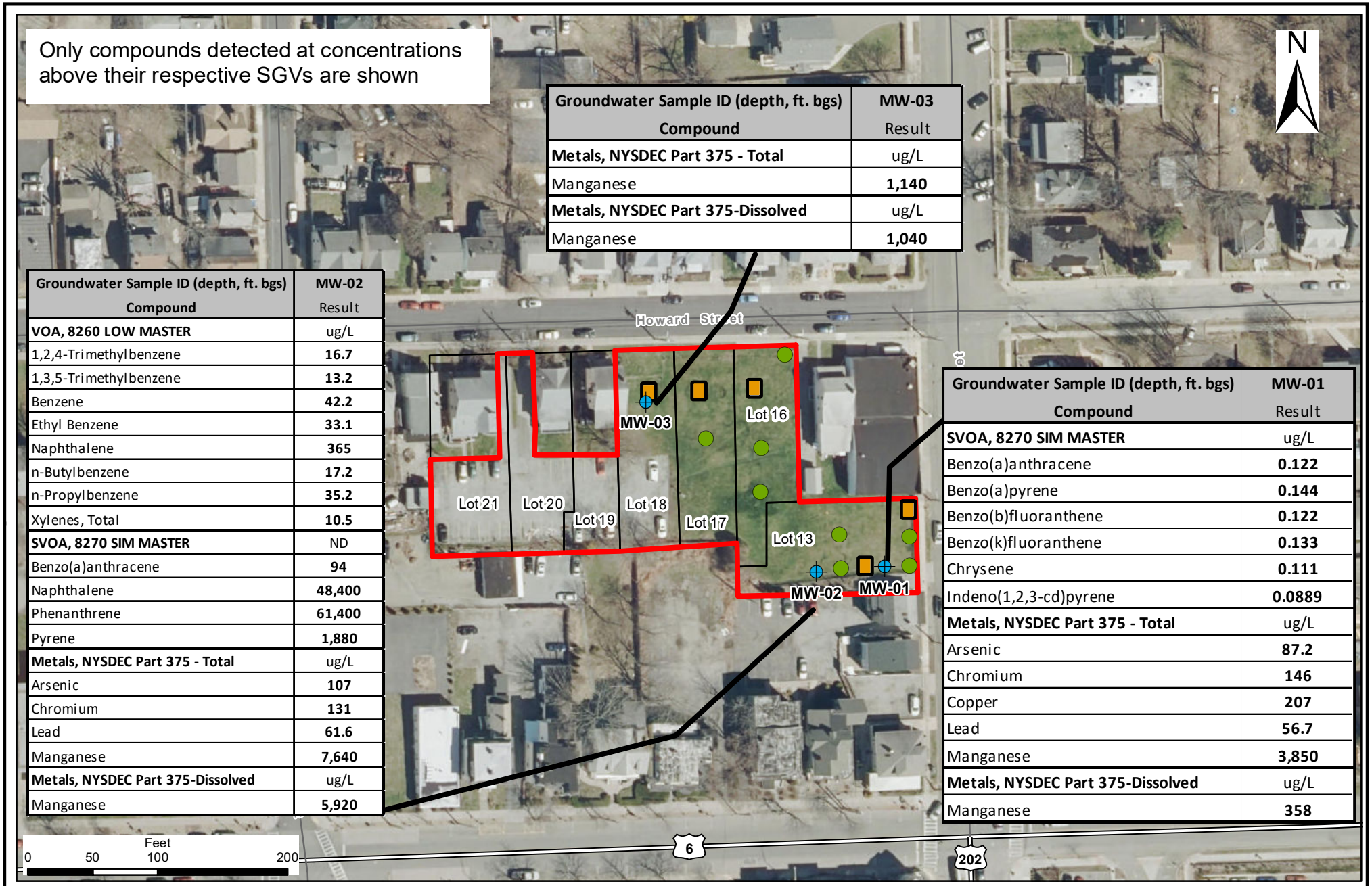

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Figure 4: Groundwater Sample Exceedances

1115, 1119, 1123, 1125, 1131, 1135 Howard Street, and 116 North Broad Street
City of Peekskill, Westchester County, NY

Source: Westchester County 2015 Tax Parcel Dataset; NYS Department of Transportation 2008 Roads Dataset; NYS Office of Technology 2016 orthophoto imagery

Drawn:	BWF/MO
Date:	9/16/21
Scale:	1 inch equals 100 feet
Project:	42137.00
Figure:	4

Document Path: Z:\projects\42100-42199\42137.00_BroadHoward_Peekskill_PIESA+\GIS\Maps\PIIESA\PIIESAFigure4.mxd

Table 2: Test Pit Soil Sample Analytical Results, Compared to NYSDEC Part 375 Soil Cleanup Objectives
Broad Street and Howard Street Properties, City of Peekskill, Westchester County, New York

Sample Location	NYSDEC Brownfield Cleanup Program Part 375-6 Soil Cleanup Objectives				Eastern Anomaly - Lot 13		Elevator Pit - Lot 13		Lot 16		Lot 17		Lot 18	
Sample ID	Unrestricted Use	**Residential Use**	**Restricted Residential Use**	***Commercial Use***	**TP-01 (7 ft)**		**TP-02 (7.5 ft)**		**TP-03 (3 ft)**		**TP-04 (5 ft)**		**TP-05 (5 ft)**	
Sampling Date					**7/30/2021 9:00**		**7/30/2021 9:45**		**7/30/2021 11:35**		**7/30/2021 11:50**		**7/30/2021 12:30**	
Sample Depth (ft. bgs.)					**7**		**7.5**		**3**		**5**		**5**	
Compound					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOC, 8270 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor					2		10		2		2		2	
2-Methylphenol	0.33	100	100	500	ND		NT		ND		ND		ND	
3- & 4-Methylphenols	0.33	34	100	500	ND		NT		ND		ND		ND	
Acenaphthene	20	100	100	500	ND		ND		ND		ND		ND	
Acenaphthylene	100	100	100	500	ND		ND		ND		ND		ND	
Anthracene	100	100	100	500	ND		ND		ND		ND		ND	
Benzo(a)anthracene	1	1	1	5.6	0.146		0.614		0.0726	J	ND		ND	
Benzo(a)pyrene	1	1	1	1	0.156		0.234	J	0.0649	J	ND		ND	
Benzo(b)fluoranthene	1	1	1	5.6	0.126		0.718		0.0741	J	ND		ND	
Benzo(g,h,i)perylene	100	100	100	500	0.0916	J	0.603		ND		ND		ND	
Benzo(k)fluoranthene	0.8	1	3.9	56	0.114		0.439	J	0.0494	J	ND		ND	
Chrysene	1	1	3.9	56	0.133		0.569		0.0641	J	ND		ND	
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	ND		ND		ND		ND		ND	
Dibenzofuran	7	14	59	350	ND		NT		ND		ND		ND	
Fluoranthene	100	100	100	500	0.218		1.25		0.124		ND		ND	
Fluorene	30	100	100	500	ND		ND		ND		ND		ND	
Hexachlorobenzene	0.33	0.33	1.2	6	ND		NT		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	0.125		**0.722**		0.0556	J	ND		ND	
Naphthalene	12	100	100	500	ND		ND		ND		ND		ND	
Pentachlorophenol	0.8	2.4	6.7	6.7	ND		NT		ND		ND		ND	
Phenanthrene	100	100	100	500	0.0642	J	0.71		ND		ND		ND	
Phenol	0.33	100	100	500	ND		NT		ND		ND		ND	
Pyrene	100	100	100	500	0.181		1.03		0.121		ND		ND	

Table 2: Test Pit Soil Sample Analytical Results, Compared to NYSDEC Part 375 Soil Cleanup Objectives
Broad Street and Howard Street Properties, City of Peekskill, Westchester County, New York

Sample Location	NYSDEC Brownfield Cleanup Program Part 375-6 Soil Cleanup Objectives				Eastern Anomaly - Lot 13		Elevator Pit - Lot 13		Lot 16		Lot 17		Lot 18	
Sample ID **Sampling Date** **Sample Depth (ft. bgs.)**	Unrestricted Use	**Residential Use**	**Restricted Residential Use**	***Commercial Use***	**TP-01 (7 ft)** **7/30/2021 9:00** **7**		**TP-02 (7.5 ft)** **7/30/2021 9:45** **7.5**		**TP-03 (3 ft)** **7/30/2021 11:35** **3**		**TP-04 (5 ft)** **7/30/2021 11:50** **5**		**TP-05 (5 ft)** **7/30/2021 12:30** **5**	
Compound					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, NYSDEC Part 375	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg				mg/Kg		mg/Kg		mg/Kg	
Dilution Factor					1				1		1		1	
Arsenic	13	16	16	16	7.16		NT		9.67		***20.7***		***16.9***	
Barium	350	350	400	400	120		NT		142		100		191	
Beryllium	7.2	14	72	590	ND		NT		ND		ND		ND	
Cadmium	2.5	2.5	4.3	9.3	ND		NT		ND		ND		ND	
Chromium	30	36	180	1500	20.5		NT		25.4		15.7		15.5	
Copper	50	270	270	270	31.4		NT		48.7		36.2		35.9	
Lead	63	400	400	1000	380		NT		112		32.6		148	
Manganese	1600	2000	2000	10000	214		NT		574		264		415	
Nickel	30	140	310	310	17		NT		17.9		14.2		12.4	
Selenium	3.9	36	180	1500	ND		NT		ND		ND		ND	
Silver	2	36	180	1500	ND		NT		ND		ND		ND	
Zinc	109	2200	10000	10000	182		NT		120		55.4		133	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg				mg/Kg		mg/Kg		mg/Kg	
Dilution Factor					1				1		1		1	
Mercury	0.18	0.81	0.81	2.8	0.480		NT		0.177		0.0358		0.133	
Total Solids					%		%		%		%		%	
Dilution Factor					1		1		1		1		1	
% Solids	~	~	~	~	83.5		87.9		84.9		89.5		90.1	
PCB, 8082 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor					1		1		1		1		1	
Aroclor 1016	~	~	~	~	ND		ND		ND		ND		ND	
Aroclor 1221	~	~	~	~	ND		ND		ND		ND		ND	
Aroclor 1232	~	~	~	~	ND		ND		ND		ND		ND	
Aroclor 1242	~	~	~	~	ND		ND		ND		ND		ND	
Aroclor 1248	~	~	~	~	ND		ND		ND		ND		ND	
Aroclor 1254	~	~	~	~	ND		ND		ND		ND		ND	
Aroclor 1260	~	~	~	~	ND		ND		ND		ND		ND	
Total PCBs	0.1	1	1	1	ND		ND		ND		ND		ND	

NOTES:

Exceedances of NYSDEC Part 375-6 soil cleanup objectives (SCOs) are formatted consistent with the SCO column headers.

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

ND=analyte not detected at or above the level indicated

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 3: Soil Boring Soil Sample Analytical Results, Compared to NYSDEC Part 375 Soil Cleanup Objectives
Broad Street and Howard Street Properties, City of Peekskill, Westchester County, New York

Soil Boring ID (depth, ft. bgs)	NYSDEC Brownfield Cleanup Program 375-6 Soil Cleanup Objectives				SB-01 (2-4ft)		SB-02 (2-4ft)		SB-03 (2-4ft)		SB-04 (8-10ft)	
Sampling Date/Time	Unrestricted Use	Residential Use	Restricted Residential Use	*Commercial Use*	8/16/2021 8:45		8/16/2021 9:15		8/16/2021 9:40		8/16/2021 10:20	
Compound					Result	Q	Result	Q	Result	Q	Result	Q
VOC, 8260 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg							mg/Kg	
Dilution Factor											100	
1,1,1-Trichloroethane	0.68	100	100	500	NT		NT		NT		ND	
1,1-Dichloroethane	0.27	19	26	240	NT		NT		NT		ND	
1,1-Dichloroethylene	0.33	100	100	500	NT		NT		NT		ND	
1,2,4-Trimethylbenzene	3.6	47	52	190	NT		NT		NT		ND	
1,2-Dichlorobenzene	1.1	100	100	500	NT		NT		NT		ND	
1,2-Dichloroethane	0.02	2.3	3.1	30	NT		NT		NT		ND	
1,3,5-Trimethylbenzene	8.4	47	52	190	NT		NT		NT		ND	
1,3-Dichlorobenzene	2.4	17	49	280	NT		NT		NT		ND	
1,4-Dichlorobenzene	1.8	9.8	13	130	NT		NT		NT		ND	
1,4-Dioxane	0.1	9.8	13	130	NT		NT		NT		ND	
2-Butanone	0.12	100	100	500	NT		NT		NT		ND	
Acetone	0.05	100	100	500	NT		NT		NT		ND	
Benzene	0.06	2.9	4.8	44	NT		NT		NT		ND	
Carbon tetrachloride	0.76	1.4	2.4	22	NT		NT		NT		ND	
Chlorobenzene	1.1	100	100	500	NT		NT		NT		ND	
Chloroform	0.37	10	49	350	NT		NT		NT		ND	
cis-1,2-Dichloroethylene	0.25	59	100	500	NT		NT		NT		ND	
Ethyl Benzene	1	30	41	390	NT		NT		NT		ND	
Methyl tert-butyl ether (MTBE)	0.93	62	100	500	NT		NT		NT		ND	
Methylene chloride	0.05	51	100	500	NT		NT		NT		ND	
Naphthalene	12	100	100	500	NT		NT		NT		ND	
n-Butylbenzene	12	100	100	500	NT		NT		NT		ND	
n-Propylbenzene	3.9	100	100	500	NT		NT		NT		ND	
o-Xylene	~	~	~	~	NT		NT		NT		ND	
p- & m- Xylenes	~	~	~	~	NT		NT		NT		ND	
sec-Butylbenzene	11	100	100	500	NT		NT		NT		ND	
tert-Butylbenzene	5.9	100	100	500	NT		NT		NT		ND	
Tetrachloroethylene	1.3	5.5	19	150	NT		NT		NT		ND	
Toluene	0.7	100	100	500	NT		NT		NT		ND	
trans-1,2-Dichloroethylene	0.19	100	100	500	NT		NT		NT		ND	
Trichloroethylene	0.47	10	21	200	NT		NT		NT		ND	
Vinyl Chloride	0.02	0.21	0.9	13	NT		NT		NT		ND	
Xylenes, Total	0.26	100	100	500	NT		NT		NT		ND	

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Broad Street and Howard Street Properties, City of Peekskill, Westchester County, New York

Soil Boring ID (depth, ft. bgs)	NYSDEC Brownfield Cleanup Program 375-6 Soil Cleanup Objectives				SB-01 (2-4ft)		SB-02 (2-4ft)		SB-03 (2-4ft)		SB-04 (8-10ft)	
Sampling Date/Time	Unrestricted Use	Residential Use	Restricted Residential Use	*Commercial Use*	8/16/2021 8:45		8/16/2021 9:15		8/16/2021 9:40		8/16/2021 10:20	
Compound					Result	Q	Result	Q	Result	Q	Result	Q
SVOC, 8270 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor					10		10		2		2	
2-Methylphenol	0.33	100	100	500	ND		ND		ND		ND	
3- & 4-Methylphenols	0.33	34	100	500	ND		ND		ND		ND	
Acenaphthene	20	100	100	500	0.355		0.256	j	ND		0.174	
Acenaphthylene	100	100	100	500	0.451		0.705		ND		0.252	
Anthracene	100	100	100	500	1.4		1.52		ND		0.614	
Benzo(a)anthracene	1	1	1	5.6	**3.34**		**4.88**		ND		**1.14**	
Benzo(a)pyrene	1	1	1	1	***3.2***		***4.85***		ND		***1.230***	
Benzo(b)fluoranthene	1	1	1	5.6	**2.94**		**5.06**		ND		**1.17**	
Benzo(g,h,i)perylene	100	100	100	500	2.38		3.88		ND		0.79	
Benzo(k)fluoranthene	0.8	1	3.9	56	**2.73**		**4.15**		ND		**1**	
Chrysene	1	1	3.9	56	**3.31**		**5.07**		ND		**1.2**	
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	***0.755***		***1.32***		ND		0.327	
Dibenzofuran	7	14	59	350	0.24		ND		ND		ND	
Fluoranthene	100	100	100	500	7.72		10.2		0.0555	J	2.46	
Fluorene	30	100	100	500	0.392		0.283	J	ND		0.461	
Hexachlorobenzene	0.33	0.33	1.2	6	ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	**2.74**		**4.3**		ND		**0.943**	
Naphthalene	12	100	100	500	0.205		ND		ND		ND	
Pentachlorophenol	0.8	2.4	6.7	6.7	ND		ND		ND		ND	
Phenanthrene	100	100	100	500	5.47		6.09		ND		1.51	
Phenol	0.33	100	100	500	ND		ND		ND		ND	
Pyrene	100	100	100	500	5.75		8.7		0.0516	J	2.19	
Metals, NYSDEC Part 375	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor					1		1		1		1	
Arsenic	13	16	16	16	7.11		8.4		9.06		8.62	
Barium	350	350	400	400	111		141		117		128	
Beryllium	7.2	14	72	590	ND		ND		ND		ND	
Cadmium	2.5	2.5	4.3	9.3	0.659		0.634		ND		0.35	
Chromium	30	36	180	1500	15.1		16.9		23.2		23.1	
Copper	50	270	270	270	33.4		41.9		39.2		40.9	
Lead	63	400	400	1000	**407**		258		96.5		125	
Manganese	1600	2000	2000	10000	263		247		371		295	
Nickel	30	140	310	310	17.9		17.4		18.3		19	
Selenium	3.9	36	180	1500	ND		ND		ND		ND	
Silver	2	36	180	1500	ND		ND		ND		ND	
Zinc	109	2200	10000	10000	178		200		70		110	
Mercury	0.18	0.81	0.81	2.8	**0.881**		**1.17**		0.0468		0.412	

Table 3: Soil Boring Soil Sample Analytical Results, Compared to NYSDEC Part 375 Soil Cleanup Objectives
Broad Street and Howard Street Properties, City of Peekskill, Westchester County, New York

Soil Boring ID (depth, ft. bgs)	NYSDEC Brownfield Cleanup Program 375-6 Soil Cleanup Objectives				SB-01 (2-4ft)		SB-02 (2-4ft)		SB-03 (2-4ft)		SB-04 (8-10ft)	
Sampling Date/Time	Unrestricted Use	Residential Use	Restricted Residential Use	*Commercial Use*	8/16/2021 8:45		8/16/2021 9:15		8/16/2021 9:40		8/16/2021 10:20	
Compound					Result	Q	Result	Q	Result	Q	Result	Q
Total Solids					%		%		%		%	
Dilution Factor					1		1		1		1	
% Solids	~	~	~	~	88.1		87.6		83.8		87.4	
PCB, 8082 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg							mg/Kg	
Dilution Factor											1	
Aroclor 1016	~	~	~	~	NT		NT		NT		ND	
Aroclor 1221	~	~	~	~	NT		NT		NT		ND	
Aroclor 1232	~	~	~	~	NT		NT		NT		ND	
Aroclor 1242	~	~	~	~	NT		NT		NT		ND	
Aroclor 1248	~	~	~	~	NT		NT		NT		ND	
Aroclor 1254	~	~	~	~	NT		NT		NT		ND	
Aroclor 1260	~	~	~	~	NT		NT		NT		ND	
Total PCBs	0.1	1	1	1	NT		NT		NT		ND	

NOTES:

Exceedances of NYSDEC Part 375-6 soil cleanup objectives (SCOs) are formatted consistent with the SCO column headers.

mg/kg= millgrams per kilogram, approximately equal to parts per million (ppm)

Q is the Qualifier Column with definitions as follows:

ND - analyte not detected at or above the level indicated.

NT - Indicates the analyte was not a target for this sample

~ - Indicates that no regulatory limit has been established for this analyte.

B=analyte found in the analysis batch blank

Table 3: Soil Boring Soil Sample Analytical Results, Compared to NYSDEC Part 375 Soil Cleanup Objectives
Broad Street and Howard Street Properties, City of Peekskill, Westchester County, New York

Soil Boring ID (depth, ft. bgs)	NYSDEC Brownfield Cleanup Program 375-6 Soil Cleanup Objectives				SB-06 (5-7ft)		SB-07 (6-8ft)		SB-08 (1-3ft)		SB-09 (7-8ft)		SB-10 (2-4ft)	
Sampling Date/Time	Unrestricted Use	Residential Use	Restricted Residential Use	*Commercial Use*	8/16/2021 11:20		8/16/2021 11:30		8/16/2021 12:35		8/16/2021 13:30		8/16/2021 13:55	
Compound					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOC, 8260 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg				mg/Kg			
Dilution Factor					1		200				1			
1,1,1-Trichloroethane	0.68	100	100	500	ND		ND		NT		ND		NT	
1,1-Dichloroethane	0.27	19	26	240	ND		ND		NT		ND		NT	
1,1-Dichloroethylene	0.33	100	100	500	ND		ND		NT		ND		NT	
1,2,4-Trimethylbenzene	3.6	47	52	190	ND		3.9		NT		ND		NT	
1,2-Dichlorobenzene	1.1	100	100	500	ND		ND		NT		ND		NT	
1,2-Dichloroethane	0.02	2.3	3.1	30	ND		ND		NT		ND		NT	
1,3,5-Trimethylbenzene	8.4	47	52	190	ND		ND		NT		ND		NT	
1,3-Dichlorobenzene	2.4	17	49	280	ND		ND		NT		ND		NT	
1,4-Dichlorobenzene	1.8	9.8	13	130	ND		ND		NT		ND		NT	
1,4-Dioxane	0.1	9.8	13	130	ND		ND		NT		ND		NT	
2-Butanone	0.12	100	100	500	ND		ND		NT		ND		NT	
Acetone	0.05	100	100	500	ND		ND		NT		0.0062	J	NT	
Benzene	0.06	2.9	4.8	44	ND		ND		NT		ND		NT	
Carbon tetrachloride	0.76	1.4	2.4	22	ND		ND		NT		ND		NT	
Chlorobenzene	1.1	100	100	500	ND		ND		NT		ND		NT	
Chloroform	0.37	10	49	350	ND		ND		NT		ND		NT	
cis-1,2-Dichloroethylene	0.25	59	100	500	ND		ND		NT		ND		NT	
Ethyl Benzene	1	30	41	390	ND		3.7		NT		ND		NT	
Methyl tert-butyl ether (MTBE)	0.93	62	100	500	ND		ND		NT		ND		NT	
Methylene chloride	0.05	51	100	500	ND		1.3	JB	NT		ND		NT	
Naphthalene	12	100	100	500	ND		46		NT		ND		NT	
n-Butylbenzene	12	100	100	500	ND		4.6		NT		ND		NT	
n-Propylbenzene	3.9	100	100	500	ND		5.9		NT		ND		NT	
o-Xylene	~	~	~	~	ND		ND		NT		ND		NT	
p- & m- Xylenes	~	~	~	~	ND		ND		NT		ND		NT	
sec-Butylbenzene	11	100	100	500	ND		3.8		NT		ND		NT	
tert-Butylbenzene	5.9	100	100	500	ND		ND		NT		ND		NT	
Tetrachloroethylene	1.3	5.5	19	150	ND		ND		NT		ND		NT	
Toluene	0.7	100	100	500	ND		ND		NT		ND		NT	
trans-1,2-Dichloroethylene	0.19	100	100	500	ND		ND		NT		ND		NT	
Trichloroethylene	0.47	10	21	200	ND		ND		NT		ND		NT	
Vinyl Chloride	0.02	0.21	0.9	13	ND		ND		NT		ND		NT	
Xylenes, Total	0.26	100	100	500	ND		ND		NT		ND		NT	

Table 3: Soil Boring Soil Sample Analytical Results, Compared to NYSDEC Part 375 Soil Cleanup Objectives
Broad Street and Howard Street Properties, City of Peekskill, Westchester County, New York

Soil Boring ID (depth, ft. bgs)	NYSDEC Brownfield Cleanup Program 375-6 Soil Cleanup Objectives				SB-06 (5-7ft)		SB-07 (6-8ft)		SB-08 (1-3ft)		SB-09 (7-8ft)		SB-10 (2-4ft)	
Sampling Date/Time	Unrestricted Use	Residential Use	Restricted Residential Use	*Commercial Use*	8/16/2021 11:20		8/16/2021 11:30		8/16/2021 12:35		8/16/2021 13:30		8/16/2021 13:55	
Compound					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOC, 8270 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor					2		25		2		2		2	
2-Methylphenol	0.33	100	100	500	ND		ND		ND		ND		ND	
3- & 4-Methylphenols	0.33	34	100	500	ND		ND		ND		ND		ND	
Acenaphthene	20	100	100	500	ND		ND		0.0542	J	ND		0.0481	
Acenaphthylene	100	100	100	500	ND		ND		0.0866	J	ND		0.096	
Anthracene	100	100	100	500	ND		2.100		0.162		ND		0.121	
Benzo(a)anthracene	1	1	1	5.6	ND		ND		0.514		ND		0.352	
Benzo(a)pyrene	1	1	1	1	ND		ND		0.55		ND		0.384	
Benzo(b)fluoranthene	1	1	1	5.6	ND		ND		0.527		ND		0.352	
Benzo(g,h,i)perylene	100	100	100	500	ND		ND		0.398		ND		0.284	
Benzo(k)fluoranthene	0.8	1	3.9	56	ND		ND		0.458		ND		0.342	
Chrysene	1	1	3.9	56	ND		ND		0.561		ND		0.395	
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	ND		ND		0.152		ND		0.111	
Dibenzofuran	7	14	59	350	ND		ND		ND		ND		ND	
Fluoranthene	100	100	100	500	ND		0.408	J	1.060		ND		0.773	
Fluorene	30	100	100	500	ND		12.9		0.0813		ND		ND	
Hexachlorobenzene	0.33	0.33	1.2	6	ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	ND		ND		0.465		ND		0.311	
Naphthalene	12	100	100	500	ND		23		0.101		ND		ND	
Pentachlorophenol	0.8	2.4	6.7	6.7	ND		ND		ND		ND		ND	
Phenanthrene	100	100	100	500	ND		26		0.599		ND		0.421	
Phenol	0.33	100	100	500	ND		ND		ND		ND		ND	
Pyrene	100	100	100	500	ND		1.45		0.924		ND		0.669	
Metals, NYSDEC Part 375	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor					1		1		1		1		1	
Arsenic	13	16	16	16	3.18		3.53		13.100		9.96		7.4	
Barium	350	350	400	400	89.2		113		155		63.5		170	
Beryllium	7.2	14	72	590	ND	U	ND		ND		ND		ND	
Cadmium	2.5	2.5	4.3	9.3	ND	U	ND		ND		ND		0.498	
Chromium	30	36	180	1500	19.7		19.4		25.8		12.1		21.7	
Copper	50	270	270	270	11.8		23.5		37.7		22.5		39.4	
Lead	63	400	400	1000	8.41		26		211		3.54		228	
Manganese	1600	2000	2000	10000	137		245		323		144		362	
Nickel	30	140	310	310	14.4		18.7		20.6		14.9		17.600	
Selenium	3.9	36	180	1500	ND	U	ND		ND		ND		ND	
Silver	2	36	180	1500	ND	U	ND		ND		ND		ND	
Zinc	109	2200	10000	10000	43.9		56.6		177		30.6		235	
Mercury	0.18	0.81	0.81	2.8	ND	U	0.0401		***6.59***		ND		**0.927**	

The Chazen Companies
September 2021

Table 3: Soil Boring Soil Sample Analytical Results, Compared to NYSDEC Part 375 Soil Cleanup Objectives
Broad Street and Howard Street Properties, City of Peekskill, Westchester County, New York

Soil Boring ID (depth, ft. bgs)	NYSDEC Brownfield Cleanup Program 375-6 Soil Cleanup Objectives				SB-06 (5-7ft)		SB-07 (6-8ft)		SB-08 (1-3ft)		SB-09 (7-8ft)		SB-10 (2-4ft)	
Sampling Date/Time	Unrestricted Use	**Residential Use**	**Restricted Residential Use**	***Commercial Use***	**8/16/2021 11:20**		**8/16/2021 11:30**		**8/16/2021 12:35**		**8/16/2021 13:30**		**8/16/2021 13:55**	
Compound					Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Solids					%		%		%		%		%	
Dilution Factor					1		1		1		1		1	
% Solids	~	~	~	~	82.9		83.4		86.0		89.9		86.0	
PCB, 8082 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg							
Dilution Factor					1		1							
Aroclor 1016	~	~	~	~	ND		ND		NT		NT		NT	
Aroclor 1221	~	~	~	~	ND		ND		NT		NT		NT	
Aroclor 1232	~	~	~	~	ND		ND		NT		NT		NT	
Aroclor 1242	~	~	~	~	ND		ND		NT		NT		NT	
Aroclor 1248	~	~	~	~	ND		ND		NT		NT		NT	
Aroclor 1254	~	~	~	~	ND		ND		NT		NT		NT	
Aroclor 1260	~	~	~	~	ND		ND		NT		NT		NT	
Total PCBs	0.1	1	1	1	ND		ND		NT		NT		NT	

NOTES:

Exceedances of NYSDEC Part 375-6 soil cleanup objectives (SCOs) are formatted consistent with the SCO column headers.

mg/kg= millgrams per kilogram, approximately equal to parts per million (ppm)

Q is the Qualifier Column with definitions as follows:

ND - analyte not detected at or above the level indicated.

NT - Indicates the analyte was not a target for this sample

~ - Indicates that no regulatory limit has been established for this analyte.

B=analyte found in the analysis batch blank

Table 4: Groundwater Sample Analytical Results, Compared to NYSDEC TOGS 1.1.1 Ambient Groundwater Criteria
Broad Street and Howard Street Properties, City of Peekskill, Westchester County, New York

Well ID Sampling Date/Time	NYSDEC TOGS 1.1.1 Standards and Guidance Values - GA	MW-01 8/16/2021 14:40		MW-02 8/16/2021 14:55		MW-03 8/16/2021 15:25		Trip Blank 8/16/2021 15:45	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
VOC, 8260 LOW MASTER	µg/L	µg/L		µg/L		µg/L		µg/L	
Dilution Factor		1		5		1		1	
1,1,1-Trichloroethane	5	ND		ND		ND		ND	
1,1-Dichloroethane	5	ND		ND		ND		ND	
1,1-Dichloroethylene	5	ND		ND		ND		ND	
1,2,4-Trimethylbenzene	5	ND		**16.7**		ND		ND	
1,2-Dichlorobenzene	3	ND		ND		ND		ND	
1,2-Dichloroethane	0.6	ND		ND		ND		ND	
1,3,5-Trimethylbenzene	5	ND		**13.2**		ND		ND	
1,3-Dichlorobenzene	3	ND		0.400		ND		ND	
1,4-Dichlorobenzene	3	ND		0.400		ND		ND	
1,4-Dioxane	~	ND		80		ND		ND	
2-Butanone	50	ND		0.400		ND		ND	
Acetone	50	ND		2.34	J	ND		ND	
Benzene	1	ND		**42.2**		ND		ND	
Carbon tetrachloride	5	ND		ND		ND		ND	
Chlorobenzene	5	ND		ND		ND		ND	
Chloroform	7	ND		ND		ND		0.9	
cis-1,2-Dichloroethylene	5	ND		ND		ND		ND	
Ethyl Benzene	5	ND		**33.1**		ND		ND	
Methyl tert-butyl ether (MTBE)	10	ND		ND		ND		ND	
Methylene chloride	5	ND		ND		ND		ND	
Naphthalene	10	ND		**365**		ND		ND	
n-Butylbenzene	5	ND		**17.2**		ND		ND	
n-Propylbenzene	5	ND		**35.2**		ND		ND	
o-Xylene	5	ND		2.58		ND		ND	
p- & m- Xylenes	~	ND		7.9		ND		ND	
sec-Butylbenzene	5	ND		ND		ND		ND	
tert-Butylbenzene	5	ND		ND		ND		ND	
Tetrachloroethylene	5	ND		ND		ND		ND	
Toluene	5	ND		ND		ND		ND	
trans-1,2-Dichloroethylene	5	ND		ND		ND		ND	
Trichloroethylene	5	ND		ND		ND		ND	
Vinyl Chloride	2	ND		ND		ND		ND	
Xylenes, Total	5	ND		**10.5**		ND		ND	

Table 4: Groundwater Sample Analytical Results, Compared to NYSDEC TOGS 1.1.1 Ambient Groundwater Criteria
Broad Street and Howard Street Properties, City of Peekskill, Westchester County, New York

Well ID Sampling Date/Time	NYSDEC TOGS 1.1.1 Standards and Guidance Values - GA	MW-01 8/16/2021 14:40		MW-02 8/16/2021 14:55		MW-03 8/16/2021 15:25		Trip Blank 8/16/2021 15:45	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
SVOC, 8270 LOW MASTER	µg/L	µg/L		µg/L		µg/L		µg/L	
Dilution Factor		1		10		1			
2-Methylphenol	1	ND		ND		ND		NT	
3- & 4-Methylphenols	1	ND		ND		ND		NT	
Dibenzofuran	~	ND		ND		ND		NT	
Phenol	1	ND		ND		ND		NT	
Acenaphthene	20	0.122		ND		0.878		NT	
Acenaphthylene	~	0.222		ND		ND		NT	
Anthracene	50	0.667		ND		1.1		NT	
Benzo(a)anthracene	0.002	**0.122**		**94**		ND		NT	
Benzo(a)pyrene	0.002	**0.144**		ND		ND		NT	
Benzo(b)fluoranthene	0.002	**0.122**		ND		ND		NT	
Benzo(g,h,i)perylene	~	0.100		ND		ND		NT	
Benzo(k)fluoranthene	0.002	**0.133**		ND		ND		NT	
Chrysene	0.002	**0.111**		ND		ND		NT	
Dibenzo(a,h)anthracene	~	ND		ND		ND		NT	
Fluoranthene	50	0.244		ND		0.467		NT	
Fluorene	50	0.311		ND		2.1		NT	
Hexachlorobenzene	0.04	ND		ND		ND		NT	
Indeno(1,2,3-cd)pyrene	0.002	**0.0889**		ND		ND		NT	
Naphthalene	10	0.1		**48,400**		1.01		NT	
Pentachlorophenol	1	ND		ND		0.278		NT	
Phenanthrene	50	0.656		**61,400**		2.01		NT	
Pyrene	50	0.244		**1,880**		0.678		NT	

Table 4: Groundwater Sample Analytical Results, Compared to NYSDEC TOGS 1.1.1 Ambient Groundwater Criteria
Broad Street and Howard Street Properties, City of Peekskill, Westchester County, New York

Well ID Sampling Date/Time	NYSDEC TOGS 1.1.1 Standards and Guidance Values - GA	MW-01 8/16/2021 14:40		MW-02 8/16/2021 14:55		MW-03 8/16/2021 15:25		Trip Blank 8/16/2021 15:45	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
Metals, NYSDEC Part 375 - Total	µg/L	µg/L		µg/L		µg/L		µg/L	
Dilution Factor		10		20		10			
Arsenic	25	**87.2**		**107**		9.08		NT	
Barium	1000	314		316		158		NT	
Beryllium	3	ND		ND		ND		NT	
Cadmium	5			0.78		ND		NT	
Chromium	50	**146**		**131**		3.24		NT	
Copper	200	**207**		146		7.2		NT	
Lead	25	**56.7**		**61.6**		2.8		NT	
Manganese	300	**3,850**		**7,640**		**1,140**		NT	
Nickel	100	86.4		75.8		5.200		NT	
Selenium	10	7.38		3.77		1.110		NT	
Silver	50	ND		ND		1.110		NT	
Zinc	2000	324	B	285	B	24.300	B	NT	
Mercury	0.7	0.3		0.2		ND		NT	
Metals, NYSDEC Part 375-Dissolved	µg/L	µg/L		µg/L		µg/L		µg/L	
Dilution Factor		1		10		1			
Arsenic	25	ND		4.46		1.110		NT	
Barium	1000	342		248		162		NT	
Beryllium	3	ND		ND		0.333		NT	
Cadmium	5	ND		ND		0.556		NT	
Chromium	50	ND		ND		1.110		NT	
Copper	200	ND		ND		1.140		NT	
Lead	25	ND		ND		1.110		NT	
Manganese	300	**358**		**5,920**		**1,040**		NT	
Nickel	100	4.22		1.3		3.25		NT	
Selenium	10	4.27	B	4.8	B	5.74	B	NT	
Silver	50	ND		ND		ND		NT	
Zinc	2000	20.3		7.89		32.9		NT	
Mercury	0.7	0.3		0.2		ND		NT	

NOTES:
Exceedences of NYSDEC TOGS Standard and Guidance Values are bold and highlighted.
ug/L= micrograms per liter or parts per billion (ppb)
Q is the Qualifier Column with definitions as follows:
ND - analyte not detected at or above the level indicated.
NT - Indicates the analyte was not a target for this sample
~ - Indicates that no regulatory limit has been established for this analyte.
B=analyte found in the analysis batch blank

The Chazen Companies
September 2021

THE Chazen COMPANIES

45 Main Street, Suite 1018
Brooklyn, NY 11201

PROJECT: Davel Realty Corporation Property
LOCATION: 116 N. Broad St. and 1125, 1131, and 1135 Howard St.
CLIENT: Broad Howard LLC
PROJECT NO.: 42137.00

Test Boring No.: **SB-01**

Total Depth: 7.2 ft.

Contractor: CoreDown Drilling
Drill Rig: 54 DT
Driller: Joe Belluci
Geologist: Branson Fields

Start Date: August 16, 2021
Finish Date:
El. Datum: -
G.S. Elevation: -

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: - ft.
Rock Depth: 7.2 ft.
Well Depth: na ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(in)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1								8" Mostly sand (f-m) with silt.		Eastern Site Area Near East boundary
2			1	0	24			16" Fill - Mostly sand (f-m) with silt, some C&D (concrete, brick, ash).		Soil Sample: SB-01(2-4ft) 08:45
3										
4										
5			2	0	26			20" Fill - Mostly sand (f-m) with silt, some C&D (concrete brick, ash).		Analyses: Part 375 Metals Part 375 SVOCs
6								6" Mostly silt with sand (f). Native.		
7								Refusal on apparent bedrock at 7.2' bgs.		
8										
9										
10										
11										
12										
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14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.

NOTES: 2. Test Boring Log Page 1: 0 - 20 feet. Each subsequent page: Additional 20 feet.

3. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. **NOSOI-No obvious sign of impacts**
2. **saa - same as above**
3 **bgs - below ground surface**
4. **TGSP - Temporary Groundwater Sampling Point**

DRILLING INFORMATION

Method: Direct Push
Method: Macro-Core

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES

45 Main Street, Suite 1018
Brooklyn, NY 11201

PROJECT: Davel Realty Corporation Property
LOCATION: 116 N. Broad St. and 1125, 1131, and 1135 Howard St.
CLIENT: Broad Howard LLC
PROJECT NO.: 42137.00

Test Boring No.: **SB-02**

Total Depth: 6 ft.

Contractor: CoreDown Drilling
Drill Rig: 54 DT
Driller: Joe Belluci
Geologist: Branson Fields

Start Date: August 16, 2021
Finish Date:
El. Datum: -
G.S. Elevation: -

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: - ft.
Rock Depth: 6 ft.
Well Depth: na ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(in)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1								6" Mostly sand (f-m) with silt.		Eastern Site Area
2			1	0	24			18" Fill - Mostly sand (f-m) with silt, some C&D (concrete, brick, ash).		Former bldg. footprint (116 N. Broad St.)
3										Soil Sample: SB-02(2-4ft) 0915
4										
5			2	0	24			14" Fill - Mostly sand (f-m) with silt, some C&D (concrete brick, ash).		Analyses: Part 375 Metals Part 375 SVOCs
6								10" Silty sand (f-m) with L. gravel (f). Native. Refusal on apparent bedrock at 6' bgs.		
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.

NOTES: 2. Test Boring Log Page 1: 0 - 20 feet. Each subsequent page: Additional 20 feet.

3. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. **NOSOI-No obvious sign of impacts**
2. **saa - same as above**
3 **bgs - below ground surface**
4. **TGSP - Temporary Groundwater Sampling Point**

DRILLING INFORMATION

Method: Direct Push
Method: Macro-Core

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES

45 Main Street, Suite 1018
Brooklyn, NY 11201

PROJECT: Davel Realty Corporation Property
LOCATION: 116 N. Broad St. and 1125, 1131, and 1135 Howard St.
CLIENT: Broad Howard LLC
PROJECT NO.: 42137.00

Test Boring No.: **SB-03**

Total Depth: 7 ft.

Contractor: CoreDown Drilling
Drill Rig: 54 DT
Driller: Joe Belluci
Geologist: Branson Fields

Start Date: August 16, 2021
Finish Date:
El. Datum: -
G.S. Elevation: -

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: - ft.
Rock Depth: 7 ft.
Well Depth: na ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(in)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1								22" Mostly sand (f-m) with silt, L. gravel (f).		Northern Site Area Near northeast boundary (1135 Howard Street)
2			1	0	36			14" SAA. Trace Ash.		Soil Sample: SB-03(2-4ft) 09:40
3										
4										
5			2	0	36			36" Mostly sand (f-m) with silt, L. gravel (f).		Analyses: Part 375 Metals Part 375 SVOCs
6										
7								Refusal on apparent bedrock at 7' bgs.		
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.

NOTES: 2. Test Boring Log Page 1: 0 - 20 feet. Each subsequent page: Additional 20 feet.

3. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. **NOSOI-No obvious sign of impacts**
2. **saa - same as above**
3 **bgs - below ground surface**
4. **TGSP - Temporary Groundwater Sampling Point**

DRILLING INFORMATION

Method: Direct Push
Method: Macro-Core

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES

45 Main Street, Suite 1018
Brooklyn, NY 11201

PROJECT: Davel Realty Corporation Property
LOCATION: 116 N. Broad St. and 1125, 1131, and 1135 Howard St.
CLIENT: Broad Howard LLC
PROJECT NO.: 42137.00

Test Boring No.: **SB-04**

Total Depth: 11 ft.

Contractor: CoreDown Drilling
Drill Rig: 54 DT
Driller: Joe Belluci
Geologist: Branson Fields

Start Date: August 16, 2021
Finish Date:
El. Datum: -
G.S. Elevation: -

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: 8 ft.
Rock Depth: 11 ft.
Well Depth: na ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(in)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1								8" Mostly sand (f-m) with silt, L. gravel (f).		Southern Site Area West of elevator pit / "former gasoline UST" area
2			1	0	34			26" Fill - Sand (f-c) w/ silt; C&D (concrete, brick, asphalt, ash)		
3										
4										Soil Sample: SB-04(8-10ft) 10:20
5				0				12" SAA.		
6			2	0	36			12" SAA, some gravel (f), L. gravel (c)		Analyses: Part 375 Metals Part 375 VOCs Part 375 SVOCs PCBs
7				45				12" SAA, HC odor, stained soil (grey). Moist		
8				267		▼				
9				202				26" SAA. Saturated. HC odor, stained soil (grey)		
10			3	150	32			12" Mostly sand (m-c), some gravel (f). Saturated. HC odor, staining (grey)		
11				145				Refusal on apparent bedrock at 11' bgs.		
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.

NOTES: 2. Test Boring Log Page 1: 0 - 20 feet. Each subsequent page: Additional 20 feet.

3. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. **NOSOI-No obvious sign of impacts**
2. **saa - same as above**
3 **bgs - below ground surface**
4. **TGSP - Temporary Groundwater Sampling Point**

DRILLING INFORMATION

Method: Direct Push
Method: Macro-Core

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES

45 Main Street, Suite 1018
Brooklyn, NY 11201

PROJECT: Davel Realty Corporation Property
LOCATION: 116 N. Broad St. and 1125, 1131, and 1135 Howard St.
CLIENT: Broad Howard LLC
PROJECT NO.: 42137.00

Test Boring No.: **SB-05**

Total Depth: 5 ft.

Contractor: CoreDown Drilling
Drill Rig: 54 DT
Driller: Joe Belluci
Geologist: Branson Fields

Start Date: August 16, 2021
Finish Date:
El. Datum: -
G.S. Elevation: -

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: - ft.
Rock Depth: 5 ft.
Well Depth: na ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(in)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1								38" Fill- Mostly sand (f-m) with silt, C&D (brick, concrete)		Southeast Site Area Property boundary
2			1	0	38					
3										No samples collected.
4										
5			2	0	8			8" Fill - Sand (f-m) with silt, some C&D (concrete brick, ash)		
								Refusal on apparent bedrock at 5' bgs.		
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.

NOTES: 2. Test Boring Log Page 1: 0 - 20 feet. Each subsequent page: Additional 20 feet.

3. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. **NOSOI-No obvious sign of impacts**
2. **saa - same as above**
3 **bgs - below ground surface**
4. **TGSP - Temporary Groundwater Sampling Point**

DRILLING INFORMATION

Method: Direct Push
Method: Macro-Core

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES

45 Main Street, Suite 1018
Brooklyn, NY 11201

PROJECT: Davel Realty Corporation Property
LOCATION: 116 N. Broad St. and 1125, 1131, and 1135 Howard St.
CLIENT: Broad Howard LLC
PROJECT NO.: 42137.00

Test Boring No.: SB-06 / MW-01

Total Depth: 11 ft.

Contractor: CoreDown Drilling
Drill Rig: 54 DT
Driller: Joe Belluci
Geologist: Branson Fields

Start Date: August 16, 2021
Finish Date:
El. Datum: -
G.S. Elevation: -

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: 7 ft.
Rock Depth: 10.5 ft.
Well Depth: na ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(in)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1								6" Mostly sand (f-m) with silt, L. gravel (f).		Southeast Site Area East of elevator pit / "former gasoline UST" area
2			1	0	36			30" Fill - Sand (f-c) w/ silt; C&D (concrete, brick, asphalt, ash)		
3										
4										Soil Sample: SB-06(5-7ft) 11:20
5								6" SAA.		Analyses: Part 375 Metals Part 375 VOCs Part 375 SVOCs PCBs
6			2	0	42			36" silty sand (f-m), L. gravel (f), moist		
7						▼				
8										
9			3	0	24			4" SAA, saturated.		Groundwater Sample: MW-01 14:40
10								20" Mostly sand (m-c) with silt, some gravel (f). Saturated.		Analyses: Part 375 Metals -Total and Dissolved Part 375 VOCs Part 375 SVOCs PCBs
11								Refusal on apparent bedrock at 10.5' bgs.		
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

METHODS: HSA- Hollow Stem Auger, RWH- Rotary Wash, SSA- Solid Stem Auger, CPT- Cone Penetrometer

SAMPLE TYPES: AS-Auger, WS-Wash, SS-Split Spoon, RC-Rock Core, GS-Grab, ST-Shelby Tube, PS-Piston

STANDARD 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.

NOTES: 2. Test Boring Log Page 1: 0 - 20 feet. Each subsequent page: Additional 20 feet.

3. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. **NOSOI-No obvious sign of impacts**
2. **saa - same as above**
3 **bgs - below ground surface**
4. **TGSP - Temporary Groundwater Sampling Point**

DRILLING INFORMATION

Method: Direct Push
Method: Macro-Core

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES

45 Main Street, Suite 1018
Brooklyn, NY 11201

PROJECT: Davel Realty Corporation Property
LOCATION: 116 N. Broad St. and 1125, 1131, and 1135 Howard St.
CLIENT: Broad Howard LLC
PROJECT NO.: 42137.00

Test Boring No.: SB-07 / MW-2

Total Depth: 11 ft.

Contractor: CoreDown Drilling
Drill Rig: 54 DT
Driller: Joe Belluci
Geologist: Branson Fields

Start Date: August 16, 2021
Finish Date:
El. Datum: -
G.S. Elevation: -

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: 7.7 ft.
Rock Depth: 11 ft.
Well Depth: na ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(in)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1								8" Mostly sand (f-m) with silt, L. gravel (f).		Southern Site Area West of elevator pit / "former gasoline UST" area ~15 feet step-out West of SB-04
2			1	0	42			34" Fill - Sand (f-c) w/ silt; C&D (concrete, brick, asphalt, ash)		
3										
4										
5				0				12" SAA.		
6			2	36	44			32" Silty sand (f-m), some gravel (f), HC odor, grey staining, moist.		
7				68						
8				290		▽				
9				345				22" SAA. Saturated. HC odor, stained soil (grey)		Soil Sample; SB-07(6-8ft) 11:30 Analyses: Part 375 Metals Part 375 SVOCs Part 375 VOCs Part 375 SVOCs PCBs Groundwater Sample: MW-02 14:55 Analyses: Part 375 Metals -Total and Dissolved Part 375 VOCs Part 375 SVOCs PCBs
10			3	142	22					
11				102				Refusal on apparent bedrock at 11' bgs.		
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.

NOTES: 2. Test Boring Log Page 1: 0 - 20 feet. Each subsequent page: Additional 20 feet.

3. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. **NOSOI-No obvious sign of impacts**
2. **saa - same as above**
3 **bgs - below ground surface**
4. **TGSP - Temporary Groundwater Sampling Point**

DRILLING INFORMATION

Method: Direct Push
Method: Macro-Core

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES

45 Main Street, Suite 1018
Brooklyn, NY 11201

PROJECT: Davel Realty Corporation Property
LOCATION: 116 N. Broad St. and 1125, 1131, and 1135 Howard St.
CLIENT: Broad Howard LLC
PROJECT NO.: 42137.00

Test Boring No.: **SB-08**

Total Depth: 8.5 ft.

Contractor: CoreDown Drilling
Drill Rig: 54 DT
Driller: Joe Belluci
Geologist: Branson Fields

Start Date: August 16, 2021
Finish Date:
El. Datum: -
G.S. Elevation: -

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: - ft.
Rock Depth: 8.5 ft.
Well Depth: na ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(in)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1								6" Mostly sand (f-m) with silt, L. gravel (f).		Central Site Area Within W-SW portion of former site building footprint.
2			1	0	42			36" Fill - Sand (f-c) with silt, some gravel (f), some C&D (concrete, ash, brick)		
3										
4										
5								36" SAA, moist.		Soil Sample: SB-08(1-3ft) 12:35
6			2	0	36					Analysis: Part 375 Metals Part 375 SVOCs
7										
8			3		0					
9								Refusal on apparent bedrock at 8.5' bgs.		
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.

NOTES: 2. Test Boring Log Page 1: 0 - 20 feet. Each subsequent page: Additional 20 feet.

3. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. **NOSOI-No obvious sign of impacts**
2. **saa - same as above**
3 **bgs - below ground surface**
4. **TGSP - Temporary Groundwater Sampling Point**

DRILLING INFORMATION

Method: Direct Push
Method: Macro-Core

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES

45 Main Street, Suite 1018
Brooklyn, NY 11201

PROJECT: Davel Realty Corporation Property
LOCATION: 116 N. Broad St. and 1125, 1131, and 1135 Howard St.
CLIENT: Broad Howard LLC
PROJECT NO.: 42137.00

Test Boring No.: SB-09 / MW-3

Total Depth: 8.2 ft.

Contractor: CoreDown Drilling
Drill Rig: 54 DT
Driller: Joe Belluci
Geologist: Branson Fields

Start Date: August 16, 2021
Finish Date:
El. Datum: -
G.S. Elevation: -

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: 7.5 ft.
Rock Depth: 8.2 ft.
Well Depth: na ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(in)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1								10" Mostly sand (f-m) with silt, L. gravel (f).		Northwestern Site Area Within footprint of former dwelling (1125 Howard Street) Soil Sample:
2			1	0	40			30" Fill - Sand (f-c) with silt, some gravel (f), some C&D (concrete, ash, wood)		
3										
4										
5				35				24" SAA, moist, odor, slight grey staining		Soil Sample: SB-09(7-8ft) 13:30
6			2	42	42			18" Sand (f-m) w/ silt, L. gravel (f), odor, grey staining.		Analyses: Part 375 Metals Part 375 SVOCs Part 375 VOCs
7				65		▼				
8				62				Refusal on apparent bedrock at 8.2' bgs.		Groundwater Sample: MW-03 15:25
9										Analyses: Part 375 Metals -Total and Dissolved Part 375 VOCs Part 375 SVOCs
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.

NOTES: 2. Test Boring Log Page 1: 0 - 20 feet. Each subsequent page: Additional 20 feet.

3. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. **NOSOI-No obvious sign of impacts**
2. **saa - same as above**
3 **bgs - below ground surface**
4. **TGSP - Temporary Groundwater Sampling Point**

DRILLING INFORMATION

Method: Direct Push
Method: Macro-Core

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES

45 Main Street, Suite 1018
Brooklyn, NY 11201

PROJECT: Davel Realty Corporation Property
LOCATION: 116 N. Broad St. and 1125, 1131, and 1135 Howard St.
CLIENT: Broad Howard LLC
PROJECT NO.: 42137.00

Test Boring No.: **SB-10**

Total Depth: 6.5 ft.

Contractor: CoreDown Drilling
Drill Rig: 54 DT
Driller: Joe Belluci
Geologist: Branson Fields

Start Date: August 16, 2021
Finish Date:
El. Datum: -
G.S. Elevation: -

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: - ft.
Rock Depth: 6.5 ft.
Well Depth: na ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(in)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1										Central Site Area
2			1	0	18			18" Fill - Sand (f-c) with silt, some gravel (f), some C&D (concrete, ash, brick)		Within northern portion of former site building footprint (116 N. Broad Street)
3										
4										
5			2	0	22			22" Sand (f-m) with silt, some gravel (f)		Soil Sample: SB-10(2-4ft) 13:55
6										
7								Refusal on apparent bedrock at 6.5' bgs.		Analysis: Part 375 Metals Part 375 SVOCs
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.

NOTES: 2. Test Boring Log Page 1: 0 - 20 feet. Each subsequent page: Additional 20 feet.

3. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. **NOSOI-No obvious sign of impacts**
2. **saa - same as above**
3 **bgs - below ground surface**
4. **TGSP - Temporary Groundwater Sampling Point**

DRILLING INFORMATION

Method: Direct Push
Method: Macro-Core

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

THE Chazen COMPANIES

45 Main Street, Suite 1018
Brooklyn, NY 11201

PROJECT: Davel Realty Corporation Property
LOCATION: 116 N. Broad St. and 1125, 1131, and 1135 Howard St.
CLIENT: Broad Howard LLC
PROJECT NO.: 42137.00

Test Boring No.: **SB-11**

Total Depth: 7.8 ft.

Contractor: CoreDown Drilling
Drill Rig: 54 DT
Driller: Joe Belluci
Geologist: Branson Fields

Start Date: August 16, 2021
Finish Date:
El. Datum: -
G.S. Elevation: -

Northing: na
Easting: na
Longitude: na
Latitude: na

Borehole Dia.: 2 in.
Water Depth: - ft.
Rock Depth: 7.8 ft.
Well Depth: na ft.

Depth (Ft)	Elevation (Ft)	Casing Blows	Sample No.	PID (ppm)	Recovery(in)	Groundwater	Group Symbol	Stratum and Field Descriptions:	Well Diagram	Field Notes, Well Notes, Comments:
1-4			1	0	30			30" Mostly sand (f-m) with silt, L. gravel (f).		North central Site Area South of former dwelling footprint (1131 Howard Street) No samples collected.
5-8			2	0	40			40" Mostly sand (f-m) with silt, L. gravel (f).		
8								Refusal on apparent bedrock at 7.8' bgs.		

METHODS: **HSA**- Hollow Stem Auger, **RWH**- Rotary Wash, **SSA**- Solid Stem Auger, **CPT**- Cone Penetrometer

SAMPLE TYPES: **AS**-Auger, **WS**-Wash, **SS**-Split Spoon, **RC**-Rock Core, **GS**-Grab, **ST**-Shelby Tube, **PS**-Piston

STANDARD 1. Samples classified in accordance with ASTM D-2488 unless otherwise noted.

NOTES: 2. Test Boring Log Page 1: 0 - 20 feet. Each subsequent page: Additional 20 feet.

3. Refer to the "Interpretation of Subsurface Logs" for additional symbology and abbreviation definitions.

ADDITIONAL NOTES:
1. **NOSOI-No obvious sign of impacts**
2. **saa - same as above**
3 **bgs - below ground surface**
4. **TGSP - Temporary Groundwater Sampling Point**

DRILLING INFORMATION

Method: Direct Push
Method: Macro-Core

	Casing	Sample	Core
Type:			
Diam.:			
Weight:			
Fall:			

Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Branson Fields

Report Date: 08/11/2021
Client Project ID: 42137.00 Broad Howard, LLC
York Project (SDG) No.: 21H0010

Report Date: 08/11/2021
Client Project ID: 42137.00 Broad Howard, LLC
York Project (SDG) No.: 21H0010

Chazen Environmental Services (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Branson Fields

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 02, 2021 and listed below. The project was identified as your project: **42137.00 Broad Howard, LLC**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21H0010-01	TP-01 (7 ft)	Soil	07/30/2021	08/02/2021
21H0010-02	TP-02 (7.5 ft)	Soil	07/30/2021	08/02/2021
21H0010-03	TP-03 (3 ft)	Soil	07/30/2021	08/02/2021
21H0010-04	TP-04 (5 ft)	Soil	07/30/2021	08/02/2021
21H0010-05	TP-05 (5 ft)	Soil	07/30/2021	08/02/2021

General Notes for York Project (SDG) No.: 21H0010

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 08/11/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: TP-01 (7 ft) **York Sample ID:** 21H0010-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 9:00 am	08/02/2021

SVOA, 8270 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
56-55-3	**Benzo(a)anthracene**	**0.146**		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
50-32-8	**Benzo(a)pyrene**	**0.156**		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
205-99-2	**Benzo(b)fluoranthene**	**0.126**		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.0916**	J	mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
207-08-9	**Benzo(k)fluoranthene**	**0.114**		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
218-01-9	**Chrysene**	**0.133**		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
206-44-0	**Fluoranthene**	**0.218**		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.125**		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
85-01-8	**Phenanthrene**	**0.0642**	J	mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
108-95-2	Phenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH
129-00-0	**Pyrene**	**0.181**		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:04	KH

Sample Information

Client Sample ID: TP-01 (7 ft) **York Sample ID:** 21H0010-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 9:00 am	08/02/2021

SVOA, 8270 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.2 %*		*20-108*							
4165-62-2	*Surrogate: SURR: Phenol-d5*	*56.0 %*		*23-114*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.6 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.5 %*		*21-113*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.8 %*		*19-110*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.4 %*		*24-116*							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:03	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:03	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:03	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:03	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:03	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:03	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:03	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications:	08/09/2021 12:55	08/10/2021 13:03	BJ
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.5 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*		*30-120*						

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**7.16**		mg/kg dry	1.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:14	EM
7440-39-3	**Barium**	**120**		mg/kg dry	3.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:14	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:14	EM

Sample Information

Client Sample ID: TP-01 (7 ft) **York Sample ID:** 21H0010-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 9:00 am	08/02/2021

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.359	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:14	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**20.5**		mg/kg dry	0.599	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:14	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**31.4**		mg/kg dry	2.40	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:14	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**380**		mg/kg dry	0.599	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:14	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**214**		mg/kg dry	0.599	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:14	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.0**		mg/kg dry	1.20	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:14	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.00	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:14	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.599	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:14	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**182**		mg/kg dry	3.00	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:14	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.480**		mg/kg dry	0.0359	1	EPA 7473	08/09/2021 13:33	08/10/2021 20:43	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.5**		%	0.100	1	SM 2540G	08/05/2021 12:39	08/05/2021 17:35	HS
							Certifications:	CTDOH		

Sample Information

Client Sample ID: TP-02 (7.5 ft) **York Sample ID:** 21H0010-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 9:45 am	08/02/2021

Sample Information

Client Sample ID: TP-02 (7.5 ft) **York Sample ID:** 21H0010-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 9:45 am	08/02/2021

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		mg/kg dry	0.233	0.465	10	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:35	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.233	0.465	10	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:35	KH
120-12-7	Anthracene	ND		mg/kg dry	0.233	0.465	10	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:35	KH
56-55-3	**Benzo(a)anthracene**	**0.614**		mg/kg dry	0.233	0.465	10	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:35	KH
50-32-8	**Benzo(a)pyrene**	**0.234**	J	mg/kg dry	0.233	0.465	10	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:35	KH
205-99-2	**Benzo(b)fluoranthene**	**0.718**		mg/kg dry	0.233	0.465	10	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:35	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.603**		mg/kg dry	0.233	0.465	10	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:35	KH
207-08-9	**Benzo(k)fluoranthene**	**0.439**	J	mg/kg dry	0.233	0.465	10	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:35	KH
218-01-9	**Chrysene**	**0.569**		mg/kg dry	0.233	0.465	10	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:35	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.233	0.465	10	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:35	KH
206-44-0	**Fluoranthene**	**1.25**		mg/kg dry	0.233	0.465	10	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:35	KH
86-73-7	Fluorene	ND		mg/kg dry	0.233	0.465	10	EPA 8270D Certifications:	08/09/2021 12:58 NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:35	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.722**		mg/kg dry	0.233	0.465	10	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:35	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.233	0.465	10	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:35	KH
85-01-8	**Phenanthrene**	**0.710**		mg/kg dry	0.233	0.465	10	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:35	KH
129-00-0	**Pyrene**	**1.03**		mg/kg dry	0.233	0.465	10	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 11:35	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.8 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.0 %*	*24-116*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	08/09/2021 12:55 NELAC-NY10854,CTDOH,NJDEP,PADEP	08/10/2021 13:16	BJ

Sample Information

Client Sample ID: TP-02 (7.5 ft) **York Sample ID:** 21H0010-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 9:45 am	08/02/2021

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:16	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:16	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:16	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:16	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:16	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:16	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	08/09/2021 12:55	08/10/2021 13:16	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.0 %*	*30-120*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.9**		%	0.100	1	SM 2540G Certifications: CTDOH	08/05/2021 12:39	08/05/2021 17:35	HS

Sample Information

Client Sample ID: TP-03 (3 ft) **York Sample ID:** 21H0010-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 11:35 am	08/02/2021

SVOA, 8270 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/09/2021 12:58	08/10/2021 12:06	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/09/2021 12:58	08/10/2021 12:06	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/09/2021 12:58	08/10/2021 12:06	KH

Sample Information

Client Sample ID: TP-03 (3 ft) **York Sample ID:** 21H0010-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 11:35 am	08/02/2021

SVOA, 8270 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
56-55-3	**Benzo(a)anthracene**	**0.0726**	J	mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
50-32-8	**Benzo(a)pyrene**	**0.0649**	J	mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
205-99-2	**Benzo(b)fluoranthene**	**0.0741**	J	mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
207-08-9	**Benzo(k)fluoranthene**	**0.0494**	J	mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
218-01-9	**Chrysene**	**0.0641**	J	mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
206-44-0	**Fluoranthene**	**0.124**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0556**	J	mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
108-95-2	Phenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH
129-00-0	**Pyrene**	**0.121**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 12:06	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*66.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*60.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*94.9 %*	*19-110*

Sample Information

Client Sample ID: TP-03 (3 ft) **York Sample ID:** 21H0010-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 11:35 am	08/02/2021

SVOA, 8270 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*87.7 %*			*24-116*						

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:30	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:30	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:30	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:30	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:30	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:30	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:30	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	08/09/2021 12:55	08/10/2021 13:30	BJ

CAS No.	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.5 %*	*30-120*

Metals, NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**9.67**		mg/kg dry	1.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:17	EM
7440-39-3	**Barium**	**142**		mg/kg dry	2.94	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:17	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:17	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.353	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:17	EM
7440-47-3	**Chromium**	**25.4**		mg/kg dry	0.589	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:17	EM
7440-50-8	**Copper**	**48.7**		mg/kg dry	2.35	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:17	EM

Sample Information

Client Sample ID: TP-03 (3 ft) **York Sample ID:** 21H0010-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 11:35 am	08/02/2021

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**112**		mg/kg dry	0.589	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:17	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**574**		mg/kg dry	0.589	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:17	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**17.9**		mg/kg dry	1.18	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:17	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.94	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:17	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.589	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:17	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**120**		mg/kg dry	2.94	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:17	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.177**		mg/kg dry	0.0353	1	EPA 7473	08/09/2021 13:33	08/10/2021 20:52	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.9**		%	0.100	1	SM 2540G	08/05/2021 12:39	08/05/2021 17:35	HS
							Certifications: CTDOH			

Sample Information

Client Sample ID: TP-04 (5 ft) **York Sample ID:** 21H0010-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 11:50 am	08/02/2021

SVOA, 8270 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	08/09/2021 12:58	08/10/2021 12:37	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: TP-04 (5 ft) **York Sample ID:** 21H0010-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 11:50 am	08/02/2021

SVOA, 8270 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D Certifications:	08/09/2021 12:58	08/10/2021 12:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*66.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*83.4 %*	*22-108*

Sample Information

Client Sample ID: TP-04 (5 ft) **York Sample ID:** 21H0010-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 11:50 am	08/02/2021

SVOA, 8270 NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*96.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.1 %*			*24-116*						

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:43	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:43	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:43	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:43	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:43	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:43	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:43	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	08/09/2021 12:55	08/10/2021 13:43	BJ

CAS No.	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.5 %*	*30-120*

Metals, NYSDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**20.7**		mg/kg dry	1.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:20	EM
7440-39-3	**Barium**	**100**		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:20	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:20	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.335	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:20	EM
7440-47-3	**Chromium**	**15.7**		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:20	EM

Sample Information

Client Sample ID: TP-04 (5 ft) **York Sample ID:** 21H0010-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 11:50 am	08/02/2021

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**36.2**		mg/kg dry	2.23	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:20	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**32.6**		mg/kg dry	0.558	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:20	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**264**		mg/kg dry	0.558	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:20	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**14.2**		mg/kg dry	1.12	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:20	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.79	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:20	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.558	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:20	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**55.4**		mg/kg dry	2.79	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:20	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0358**		mg/kg dry	0.0335	1	EPA 7473	08/09/2021 13:33	08/10/2021 21:01	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.5**		%	0.100	1	SM 2540G	08/05/2021 12:39	08/05/2021 17:35	HS
							Certifications: CTDOH			

Sample Information

Client Sample ID: TP-05 (5 ft) **York Sample ID:** 21H0010-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 12:30 pm	08/02/2021

SVOA, 8270 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **TP-05 (5 ft)** **York Sample ID:** **21H0010-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 12:30 pm	08/02/2021

SVOA, 8270 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
108-95-2	Phenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D Certifications:	08/09/2021 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/10/2021 13:08	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*79.6 %*	*20-108*

Sample Information

Client Sample ID: TP-05 (5 ft)

York Sample ID: 21H0010-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 12:30 pm	08/02/2021

SVOA, 8270 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	*Surrogate: SURR: Phenol-d5*	*70.6 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.1 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*112 %*	S-08		*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.1 %*			*24-116*						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:57	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:57	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:57	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:57	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:57	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:57	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/09/2021 12:55	08/10/2021 13:57	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	08/09/2021 12:55	08/10/2021 13:57	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.5 %*	*30-120*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**16.9**		mg/kg dry	1.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:30	EM
7440-39-3	**Barium**	**191**		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:30	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:30	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.333	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2021 16:12	08/06/2021 11:30	EM

Sample Information

Client Sample ID: TP-05 (5 ft) **York Sample ID:** 21H0010-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0010	42137.00 Broad Howard, LLC	Soil	July 30, 2021 12:30 pm	08/02/2021

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**15.5**		mg/kg dry	0.555	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:30	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**35.9**		mg/kg dry	2.22	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:30	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**148**		mg/kg dry	0.555	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:30	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**415**		mg/kg dry	0.555	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:30	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**12.4**		mg/kg dry	1.11	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:30	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.77	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:30	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.555	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:30	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**133**		mg/kg dry	2.77	1	EPA 6010D	08/03/2021 16:12	08/06/2021 11:30	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.133**		mg/kg dry	0.0333	1	EPA 7473	08/09/2021 13:33	08/10/2021 21:10	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.1**		%	0.100	1	SM 2540G	08/05/2021 12:39	08/05/2021 17:35	HS
							Certifications: CTDOH			

Analytical Batch Summary

Batch ID: BH10123 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21H0010-01	TP-01 (7 ft)	08/03/21
21H0010-03	TP-03 (3 ft)	08/03/21
21H0010-04	TP-04 (5 ft)	08/03/21
21H0010-05	TP-05 (5 ft)	08/03/21
BH10123-BLK1	Blank	08/03/21
BH10123-DUP1	Duplicate	08/03/21
BH10123-MS1	Matrix Spike	08/03/21
BH10123-PS1	Post Spike	08/03/21
BH10123-SRM1	Reference	08/03/21

Batch ID: BH10266 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
21H0010-01	TP-01 (7 ft)	08/05/21
21H0010-02	TP-02 (7.5 ft)	08/05/21
21H0010-03	TP-03 (3 ft)	08/05/21
21H0010-04	TP-04 (5 ft)	08/05/21
21H0010-05	TP-05 (5 ft)	08/05/21
BH10266-DUP1	Duplicate	08/05/21

Batch ID: BH10415 **Preparation Method:** EPA 3546 PPCB **Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
21H0010-01	TP-01 (7 ft)	08/09/21
21H0010-02	TP-02 (7.5 ft)	08/09/21
21H0010-03	TP-03 (3 ft)	08/09/21
21H0010-04	TP-04 (5 ft)	08/09/21
21H0010-05	TP-05 (5 ft)	08/09/21
BH10415-BLK1	Blank	08/09/21
BH10415-BS1	LCS	08/09/21

Batch ID: BH10416 **Preparation Method:** EPA 3546 SVOA **Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
21H0010-01	TP-01 (7 ft)	08/09/21
21H0010-02	TP-02 (7.5 ft)	08/09/21
21H0010-03	TP-03 (3 ft)	08/09/21
21H0010-04	TP-04 (5 ft)	08/09/21
21H0010-05	TP-05 (5 ft)	08/09/21
BH10416-BLK1	Blank	08/09/21
BH10416-BS1	LCS	08/09/21

Batch ID: BH10422 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21H0010-01	TP-01 (7 ft)	08/09/21
21H0010-03	TP-03 (3 ft)	08/09/21
21H0010-04	TP-04 (5 ft)	08/09/21
21H0010-05	TP-05 (5 ft)	08/09/21
BH10422-BLK1	Blank	08/09/21
BH10422-DUP1	Duplicate	08/09/21
BH10422-MS1	Matrix Spike	08/09/21
BH10422-SRM1	Reference	08/09/21

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10416 - EPA 3546 SVOA											
Blank (BH10416-BLK1)											
Prepared: 08/09/2021 Analyzed: 08/10/2021											
2-Methylphenol	ND	0.0416	mg/kg wet								
3- & 4-Methylphenols	ND	0.0416	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Anthracene	ND	0.0416	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.38*		"	*1.66*		*82.8*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.27*		"	*1.66*		*76.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.721*		"	*0.831*		*86.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.703*		"	*0.831*		*84.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.60*		"	*1.66*		*96.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.893*		"	*0.831*		*108*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10416 - EPA 3546 SVOA											
LCS (BH10416-BS1)											
Prepared: 08/09/2021 Analyzed: 08/10/2021											
2-Methylphenol	0.627	0.0416	mg/kg wet	0.831		75.4	10-136				
3- & 4-Methylphenols	0.591	0.0416	"	0.831		71.2	29-103				
Acenaphthene	0.621	0.0416	"	0.831		74.8	30-121				
Acenaphthylene	0.603	0.0416	"	0.831		72.6	30-115				
Anthracene	0.645	0.0416	"	0.831		77.6	34-118				
Benzo(a)anthracene	0.686	0.0416	"	0.831		82.6	32-122				
Benzo(a)pyrene	0.728	0.0416	"	0.831		87.7	29-133				
Benzo(b)fluoranthene	0.681	0.0416	"	0.831		82.0	25-133				
Benzo(g,h,i)perylene	0.601	0.0416	"	0.831		72.4	10-143				
Benzo(k)fluoranthene	0.624	0.0416	"	0.831		75.1	25-128				
Chrysene	0.624	0.0416	"	0.831		75.2	32-123				
Dibenzo(a,h)anthracene	0.670	0.0416	"	0.831		80.6	10-136				
Dibenzofuran	0.580	0.0416	"	0.831		69.8	29-121				
Fluoranthene	0.609	0.0416	"	0.831		73.4	33-122				
Fluorene	0.595	0.0416	"	0.831		71.7	29-123				
Hexachlorobenzene	0.563	0.0416	"	0.831		67.8	21-124				
Indeno(1,2,3-cd)pyrene	0.742	0.0416	"	0.831		89.4	10-135				
Naphthalene	0.636	0.0416	"	0.831		76.6	23-124				
Pentachlorophenol	0.471	0.0416	"	0.831		56.7	10-139				
Phenanthrene	0.595	0.0416	"	0.831		71.6	33-123				
Phenol	0.610	0.0416	"	0.831		73.4	23-115				
Pyrene	0.624	0.0416	"	0.831		75.2	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.16*		"	*1.66*		*69.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.07*		"	*1.66*		*64.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.570*		"	*0.831*		*68.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.520*		"	*0.831*		*62.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.47*		"	*1.66*		*88.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.645*		"	*0.831*		*77.7*	*24-116*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10415 - EPA 3546 PPCB											
Blank (BH10415-BLK1)											Prepared: 08/09/2021 Analyzed: 08/10/2021
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0631*		*"*	*0.0664*		*95.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0392*		*"*	*0.0664*		*59.0*	*30-120*				
LCS (BH10415-BS1)											Prepared: 08/09/2021 Analyzed: 08/10/2021
Aroclor 1016	0.360	0.0166	mg/kg wet	0.332		108	40-130				
Aroclor 1260	0.344	0.0166	"	0.332		103	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0551*		*"*	*0.0664*		*83.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0382*		*"*	*0.0664*		*57.5*	*30-120*				
Batch Y1H1045 - BH10391											
Aroclor Reference (Y1H1045-ARC1)											Prepared & Analyzed: 08/10/2021
Surrogate: Tetrachloro-m-xylene	*0.177*		*ug/mL*	*0.200*		*88.5*					
Surrogate: Decachlorobiphenyl	*0.157*		*"*	*0.200*		*78.5*					

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10123 - EPA 3050B											
Blank (BH10123-BLK1)											Prepared: 08/03/2021 Analyzed: 08/06/2021
Arsenic	ND	1.50	mg/kg wet								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Chromium	ND	0.500	"								
Copper	ND	2.00	"								
Lead	ND	0.500	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Zinc	ND	2.50	"								
Duplicate (BH10123-DUP1)	*Source sample: 21H0053-09 (Duplicate)										Prepared: 08/03/2021 Analyzed: 08/06/2021
Arsenic	67.1	1.62	mg/kg dry		57.1				16.1	35	
Barium	329	2.70	"		431				26.9	35	
Beryllium	ND	0.054	"		ND					35	
Cadmium	0.759	0.324	"		1.61				71.9	35	Non-dir.
Chromium	39.7	0.539	"		42.7				7.28	35	
Copper	149	2.16	"		126				16.5	35	
Lead	677	0.539	"		625				8.02	35	
Manganese	239	0.539	"		233				2.57	35	
Nickel	18.1	1.08	"		21.5				17.3	35	
Selenium	ND	2.70	"		ND					35	
Silver	ND	0.539	"		ND					35	
Zinc	348	2.70	"		556				46.2	35	Non-dir.
Matrix Spike (BH10123-MS1)	*Source sample: 21H0053-09 (Matrix Spike)										Prepared: 08/03/2021 Analyzed: 08/06/2021
Arsenic	247	1.62	mg/kg dry	216	57.1	88.0	75-125				
Barium	476	2.70	"	216	431	20.7	75-125	Low Bias			
Beryllium	4.07	0.054	"	5.39	ND	75.5	75-125				
Cadmium	5.41	0.324	"	5.39	1.61	70.5	75-125	Low Bias			
Chromium	58.6	0.539	"	21.6	42.7	73.3	75-125	Low Bias			
Copper	143	2.16	"	27.0	126	63.7	75-125	Low Bias			
Lead	668	0.539	"	53.9	625	78.9	75-125				
Manganese	270	0.539	"	53.9	233	68.4	75-125	Low Bias			
Nickel	66.3	1.08	"	53.9	21.5	83.1	75-125				
Selenium	162	2.70	"	216	ND	75.3	75-125				
Silver	5.27	0.539	"	5.39	ND	97.6	75-125				
Zinc	418	2.70	"	53.9	556	NR	75-125	Low Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10123 - EPA 3050B											
Post Spike (BH10123-PS1)	*Source sample: 21H0053-09 (Post Spike)							Prepared: 08/03/2021 Analyzed: 08/06/2021			
Arsenic	2.59		ug/mL	2.00	0.529	103	75-125				
Barium	6.38		"	2.00	4.00	119	75-125				
Beryllium	0.046		"	0.0500	-0.005	92.1	75-125				
Cadmium	0.066		"	0.0500	0.015	103	75-125				
Chromium	0.626		"	0.200	0.396	115	75-125				
Copper	1.53		"	0.250	1.17	144	75-125	High Bias			
Lead	6.69		"	0.500	5.80	178	75-125	High Bias			
Manganese	2.83		"	0.500	2.16	135	75-125	High Bias			
Nickel	0.734		"	0.500	0.199	107	75-125				
Selenium	1.66		"	2.00	-0.147	83.0	75-125				
Silver	0.055		"	0.0500	0.002	106	75-125				
Zinc	5.98		"	0.500	5.16	163	75-125	High Bias			
Reference (BH10123-SRM1)								Prepared: 08/03/2021 Analyzed: 08/06/2021			
Arsenic	176	1.50	mg/kg wet	156		113	70.1-129.8				
Barium	273	2.50	"	239		114	75-125				
Beryllium	179	0.050	"	169		106	75-125.2				
Cadmium	143	0.300	"	137		104	74.8-125.2				
Chromium	168	0.500	"	154		109	70.1-129.9				
Copper	64.0	2.00	"	54.9		117	75.3-125.3				
Lead	140	0.500	"	130		108	70-130				
Manganese	299	0.500	"	269		111	78.1-122				
Nickel	67.4	1.00	"	53.9		125	70.1-130.1				
Selenium	146	2.50	"	167		87.2	55.7-144.5				
Silver	37.1	0.500	"	33.6		110	69.2-130.8				
Zinc	166	2.50	"	158		105	69.9-130.1				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10422 - EPA 7473 soil											
Blank (BH10422-BLK1)									Prepared: 08/09/2021 Analyzed: 08/10/2021		
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BH10422-DUP1)	*Source sample: 21H0067-01 (Duplicate)								Prepared: 08/09/2021 Analyzed: 08/10/2021		
Mercury	0.212	0.0341	mg/kg dry		0.222				4.40	35	
Matrix Spike (BH10422-MS1)	*Source sample: 21H0067-01 (Matrix Spike)								Prepared: 08/09/2021 Analyzed: 08/10/2021		
Mercury	0.727		mg/kg	0.500	0.195	106	75-125				
Reference (BH10422-SRM1)									Prepared: 08/09/2021 Analyzed: 08/10/2021		
Mercury	26.517		mg/kg	27.2		97.5	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10266 - % Solids Prep											
Duplicate (BH10266-DUP1)	*Source sample: 21H0020-01 (Duplicate)							Prepared & Analyzed: 08/05/2021			
% Solids	94.2	0.100	%		93.8				0.472	20	

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-CRL	The RL check for this element recovered outside of control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YORK Project No.: 21H0010

YOUR Information	Report To:	Invoice To:
Company: Chazen	Company: " "	Company: Chazen
Address: 4 British American Blvd Latham, NY 12110	Address:	Address:
Phone: 518-266-7355	Phone:	Phone:
Contact: Branson Fields	Contact:	Contact: Accts. Payable.
E-mail: bfields@chazencompanies.com	E-mail:	E-mail:

YOUR Project Number: 42137.00

YOUR Project Name: Broad Howard, LLC

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Branson Fields

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York (X); New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
TP-01 (7ft)	S	7/30/21 0900	Part 375 SVOCs, Metals, PCBs	1x8oz, 2x4oz
TP-02 (7.5ft)	S	" 0945	CP-51 SVOCs, PCBs	
TP-03 (3ft)	S	" 1135	Part 375 SVOCs, Metals, & PCBs	
TP-04 (5ft)	S	" 1150	Part 375 SVOCs, Metals, PCBs	
TP-05 (5ft)	S	" 1230	Part 375 SVOCs, Metals, PCB.	

Comments: Samples placed in Refrigerator 7/30/21 @ POK office for p/u by courier on. 8/2/21

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: Ice.

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Branson Fields / Chazen	7/30/21 15:00	Chris C	8-2-21 9:20	Chris C	8-2-21 15:29
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time 15:29 Temperature
				Jake	8-2-21 1.2 Degrees C

Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Branson Fields

Report Date: 08/25/2021
Client Project ID: 42137.00 Broad Hollow, LLC
York Project (SDG) No.: 21H0777

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 08/25/2021
Client Project ID: 42137.00 Broad Hollow, LLC
York Project (SDG) No.: 21H0777

Chazen Environmental Services (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Branson Fields

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 17, 2021 and listed below. The project was identified as your project: **42137.00 Broad Hollow, LLC**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21H0777-01	SB-01 (2-4ft)	Soil	08/16/2021	08/17/2021
21H0777-02	SB-02 (2-4ft)	Soil	08/16/2021	08/17/2021
21H0777-03	SB-03 (2-4ft)	Soil	08/16/2021	08/17/2021
21H0777-04	SB-04 (8-10ft)	Soil	08/16/2021	08/17/2021
21H0777-05	SB-06 (5-7ft)	Soil	08/16/2021	08/17/2021
21H0777-06	SB-07 (6-8ft)	Soil	08/16/2021	08/17/2021
21H0777-07	SB-08 (1-3ft)	Soil	08/16/2021	08/17/2021
21H0777-08	SB-09 (7-8ft)	Soil	08/16/2021	08/17/2021
21H0777-09	SB-10 (2-4ft)	Soil	08/16/2021	08/17/2021
21H0777-10	MW-01	Water	08/16/2021	08/17/2021
21H0777-11	MW-02	Water	08/16/2021	08/17/2021
21H0777-12	MW-03	Water	08/16/2021	08/17/2021
21H0777-13	Trip Blank	Water	08/16/2021	08/17/2021

General Notes for York Project (SDG) No.: 21H0777

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:  **Date:** 08/25/2021

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **SB-01 (2-4ft)** **York Sample ID:** **21H0777-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 8:45 am	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 19:50	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 19:50	KH
83-32-9	**Acenaphthene**	**0.355**		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 19:50	KH
208-96-8	**Acenaphthylene**	**0.451**		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 19:50	KH
120-12-7	**Anthracene**	**1.40**		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 19:50	KH
56-55-3	**Benzo(a)anthracene**	**3.34**		mg/kg dry	0.236	0.470	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 10:34	KH
50-32-8	**Benzo(a)pyrene**	**3.20**		mg/kg dry	0.236	0.470	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 10:34	KH
205-99-2	**Benzo(b)fluoranthene**	**2.94**		mg/kg dry	0.236	0.470	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 10:34	KH
191-24-2	**Benzo(g,h,i)perylene**	**2.38**		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 19:50	KH
207-08-9	**Benzo(k)fluoranthene**	**2.73**		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 19:50	KH
218-01-9	**Chrysene**	**3.31**		mg/kg dry	0.236	0.470	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 10:34	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.755**		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 19:50	KH
132-64-9	**Dibenzofuran**	**0.240**		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 19:50	KH
206-44-0	**Fluoranthene**	**7.72**		mg/kg dry	0.236	0.470	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 10:34	KH
86-73-7	**Fluorene**	**0.392**		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	08/24/2021 07:46 NELAC-NY10854,NJDEP,PADEP	08/24/2021 19:50	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 19:50	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**2.74**		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 19:50	KH
91-20-3	**Naphthalene**	**0.205**		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 19:50	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 19:50	KH
85-01-8	**Phenanthrene**	**5.47**		mg/kg dry	0.236	0.470	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 10:34	KH
108-95-2	Phenol	ND		mg/kg dry	0.0472	0.0941	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 19:50	KH

Sample Information

Client Sample ID: SB-01 (2-4ft)

York Sample ID: 21H0777-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 8:45 am	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	**Pyrene**	**5.75**		mg/kg dry	0.236	0.470	10	EPA 8270D	08/24/2021 07:46	08/25/2021 10:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*88.6 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*85.7 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*91.1 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*89.8 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*126 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*95.5 %*		*24-116*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**7.11**		mg/kg dry	1.70	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**111**		mg/kg dry	2.84	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.659**		mg/kg dry	0.341	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**15.1**		mg/kg dry	0.568	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**33.4**		mg/kg dry	2.27	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**407**		mg/kg dry	0.568	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**263**		mg/kg dry	0.568	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.9**		mg/kg dry	1.14	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.84	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.568	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**178**		mg/kg dry	2.84	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:54	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-01 (2-4ft) **York Sample ID:** 21H0777-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 8:45 am	08/17/2021

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.881**		mg/kg dry	0.0341	1	EPA 7473	08/24/2021 15:31	08/24/2021 21:30	MAO
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.1**		%	0.100	1	SM 2540G	08/23/2021 12:40	08/23/2021 15:05	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-02 (2-4ft) **York Sample ID:** 21H0777-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 9:15 am	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
83-32-9	**Acenaphthene**	**0.256**	J	mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	**Acenaphthylene**	**0.705**		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	**Anthracene**	**1.52**		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
56-55-3	**Benzo(a)anthracene**	**4.88**		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	**Benzo(a)pyrene**	**4.85**		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**5.06**		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**3.88**		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**4.15**		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB-02 (2-4ft) **York Sample ID:** 21H0777-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 9:15 am	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	**Chrysene**	**5.07**		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**1.32**		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**10.2**		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.283**	J	mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**4.30**		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**6.09**		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**8.70**		mg/kg dry	0.236	0.472	10	EPA 8270D	08/24/2021 07:46	08/24/2021 20:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*81.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*79.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*89.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*106 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*98.8 %*	*24-116*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**8.40**		mg/kg dry	1.71	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:57	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**141**		mg/kg dry	2.86	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:57	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:57	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-02 (2-4ft) **York Sample ID:** 21H0777-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 9:15 am	08/17/2021

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	**Cadmium**	**0.634**		mg/kg dry	0.343	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:57	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**16.9**		mg/kg dry	0.571	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:57	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**41.9**		mg/kg dry	2.28	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:57	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**258**		mg/kg dry	0.571	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:57	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**247**		mg/kg dry	0.571	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:57	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**17.4**		mg/kg dry	1.14	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:57	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.86	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:57	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.571	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:57	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**200**		mg/kg dry	2.86	1	EPA 6010D	08/20/2021 12:05	08/24/2021 11:57	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.17**		mg/kg dry	0.0343	1	EPA 7473	08/24/2021 15:31	08/24/2021 16:56	MAO
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.6**		%	0.100	1	SM 2540G	08/23/2021 12:40	08/23/2021 15:05	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-03 (2-4ft) **York Sample ID:** 21H0777-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 9:40 am	08/17/2021

Sample Information

Client Sample ID: SB-03 (2-4ft) **York Sample ID:** 21H0777-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 9:40 am	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.0555**	J	mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**0.0516**	J	mg/kg dry	0.0490	0.0979	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 20:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*79.1 %*	*20-108*

Sample Information

Client Sample ID: SB-03 (2-4ft) **York Sample ID:** 21H0777-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 9:40 am	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	*Surrogate: SURR: Phenol-d5*	*75.4 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*114 %*	S-08		*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.0 %*			*24-116*						

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**9.06**		mg/kg dry	1.79	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:00	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**117**		mg/kg dry	2.98	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:00	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:00	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.358	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:00	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**23.2**		mg/kg dry	0.596	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:00	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**39.2**		mg/kg dry	2.39	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:00	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**96.5**		mg/kg dry	0.596	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:00	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**371**		mg/kg dry	0.596	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:00	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**18.3**		mg/kg dry	1.19	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:00	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.98	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:00	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.596	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:00	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**70.0**		mg/kg dry	2.98	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:00	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0468**		mg/kg dry	0.0358	1	EPA 7473	08/24/2021 15:31	08/24/2021 17:09	MAO
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB-03 (2-4ft) **York Sample ID:** 21H0777-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 9:40 am	08/17/2021

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.8		%	0.100	1	SM 2540G	08/23/2021 12:40	08/23/2021 15:05	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-04 (8-10ft) **York Sample ID:** 21H0777-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 10:20 am	08/17/2021

Volatile Organics, NYSDEC Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.31	0.61	100	EPA 8260C	08/23/2021 09:00	08/23/2021 15:27	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.31	0.61	100	EPA 8260C	08/23/2021 09:00	08/23/2021 15:27	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C	08/23/2021 09:00	08/23/2021 15:27	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C	08/23/2021 09:00	08/23/2021 15:27	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C	08/23/2021 09:00	08/23/2021 15:27	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.31	0.61	100	EPA 8260C	08/23/2021 09:00	08/23/2021 15:27	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C	08/23/2021 09:00	08/23/2021 15:27	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C	08/23/2021 09:00	08/23/2021 15:27	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C	08/23/2021 09:00	08/23/2021 15:27	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
123-91-1	1,4-Dioxane	ND		mg/kg dry	6.1	12	100	EPA 8260C	08/23/2021 09:00	08/23/2021 15:27	OC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
78-93-3	2-Butanone	ND		mg/kg dry	0.31	0.61	100	EPA 8260C	08/23/2021 09:00	08/23/2021 15:27	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-64-1	Acetone	ND		mg/kg dry	0.61	1.2	100	EPA 8260C	08/23/2021 09:00	08/23/2021 15:27	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-43-2	Benzene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C	08/23/2021 09:00	08/23/2021 15:27	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.31	0.61	100	EPA 8260C	08/23/2021 09:00	08/23/2021 15:27	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: SB-04 (8-10ft) **York Sample ID:** 21H0777-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 10:20 am	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
67-66-3	Chloroform	ND		mg/kg dry	0.31	0.61	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.31	0.61	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-09-2	Methylene chloride	ND		mg/kg dry	0.61	1.2	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
91-20-3	Naphthalene	ND		mg/kg dry	0.31	1.2	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
95-47-6	o-Xylene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	OC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.61	1.2	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	OC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
108-88-3	Toluene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.31	0.61	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.31	0.61	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.92	1.8	100	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	OC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **SB-04 (8-10ft)** **York Sample ID:** **21H0777-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 10:20 am	08/17/2021

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**0.174**		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**0.252**		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.614**		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**1.14**		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**1.23**		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**1.17**		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.790**		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**1.00**		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**1.20**		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.327**		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**2.46**		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	**Fluorene**	**0.461**		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.943**		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	**Phenanthrene**	**1.51**		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**2.19**		mg/kg dry	0.0468	0.0933	2	EPA 8270D Certifications:	08/24/2021 07:46	08/24/2021 21:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-04 (8-10ft) **York Sample ID:** 21H0777-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 10:20 am	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*72.7 %*			*20-108*						
4165-62-2	*Surrogate: SURR: Phenol-d5*	*72.0 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*95.2 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*108 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.4 %*			*24-116*						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/23/2021 13:40	08/24/2021 10:57	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/23/2021 13:40	08/24/2021 10:57	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/23/2021 13:40	08/24/2021 10:57	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/23/2021 13:40	08/24/2021 10:57	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/23/2021 13:40	08/24/2021 10:57	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/23/2021 13:40	08/24/2021 10:57	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/23/2021 13:40	08/24/2021 10:57	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	08/23/2021 13:40	08/24/2021 10:57	BJ

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*86.0 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*77.5 %*	*30-120*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**8.62**		mg/kg dry	1.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:03	EM
7440-39-3	**Barium**	**128**		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:03	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:03	EM

Sample Information

Client Sample ID: SB-04 (8-10ft) **York Sample ID:** 21H0777-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 10:20 am	08/17/2021

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	**Cadmium**	**0.350**		mg/kg dry	0.343	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:03	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**23.1**		mg/kg dry	0.572	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:03	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**40.9**		mg/kg dry	2.29	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:03	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**125**		mg/kg dry	0.572	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:03	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**295**		mg/kg dry	0.572	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:03	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**19.0**		mg/kg dry	1.14	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:03	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.86	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:03	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.572	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:03	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**110**		mg/kg dry	2.86	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:03	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.412**		mg/kg dry	0.0343	1	EPA 7473	08/24/2021 15:31	08/24/2021 17:18	MAO
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.4**		%	0.100	1	SM 2540G	08/23/2021 12:40	08/23/2021 15:05	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-06 (5-7ft) **York Sample ID:** 21H0777-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 11:20 am	08/17/2021

Sample Information

Client Sample ID: SB-06 (5-7ft) **York Sample ID:** 21H0777-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 11:20 am	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.086	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
67-64-1	Acetone	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
91-20-3	Naphthalene	ND		mg/kg dry	0.0021	0.0086	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00	08/23/2021 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC

Sample Information

Client Sample ID: SB-06 (5-7ft) **York Sample ID:** 21H0777-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 11:20 am	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/23/2021 15:54	OC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	08/23/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/23/2021 15:54	OC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/23/2021 15:54	OC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/23/2021 15:54	OC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/23/2021 15:54	OC
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/23/2021 15:54	OC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/23/2021 15:54	OC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/23/2021 15:54	OC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	08/23/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/23/2021 15:54	OC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C Certifications:	08/23/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/23/2021 15:54	OC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH

Sample Information

Client Sample ID: SB-06 (5-7ft) **York Sample ID:** 21H0777-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 11:20 am	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
108-95-2	Phenol	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0489	0.0976	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 21:47	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*77.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*73.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*107 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.0 %*	*24-116*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	08/23/2021 13:40 NELAC-NY10854,CTDOH,NJDEP,PADEP	08/24/2021 11:12	BJ

Sample Information

Client Sample ID: SB-06 (5-7ft) **York Sample ID:** 21H0777-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 11:20 am	08/17/2021

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/23/2021 13:40	08/24/2021 11:12	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/23/2021 13:40	08/24/2021 11:12	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/23/2021 13:40	08/24/2021 11:12	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/23/2021 13:40	08/24/2021 11:12	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/23/2021 13:40	08/24/2021 11:12	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/23/2021 13:40	08/24/2021 11:12	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	08/23/2021 13:40	08/24/2021 11:12	BJ

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*138 %*	S-GC	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*		*30-120*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**3.18**		mg/kg dry	1.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:06	EM
7440-39-3	**Barium**	**89.2**		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:06	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:06	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.362	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:06	EM
7440-47-3	**Chromium**	**19.7**		mg/kg dry	0.603	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:06	EM
7440-50-8	**Copper**	**11.8**		mg/kg dry	2.41	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:06	EM
7439-92-1	**Lead**	**8.41**		mg/kg dry	0.603	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:06	EM
7439-96-5	**Manganese**	**137**		mg/kg dry	0.603	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:06	EM
7440-02-0	**Nickel**	**14.4**		mg/kg dry	1.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:06	EM
7782-49-2	Selenium	ND		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:06	EM
7440-22-4	Silver	ND		mg/kg dry	0.603	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:06	EM

Sample Information

Client Sample ID: SB-06 (5-7ft) **York Sample ID:** 21H0777-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 11:20 am	08/17/2021

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**43.9**		mg/kg dry	3.01	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:06	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0362	1	EPA 7473	08/24/2021 15:31	08/24/2021 17:27	MAO
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.9**		%	0.100	1	SM 2540G	08/23/2021 12:44	08/24/2021 15:15	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB-07 (6-8ft) **York Sample ID:** 21H0777-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 11:30 am	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.45	0.90	200	EPA 8260C	08/24/2021 09:00	08/24/2021 12:00	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.45	0.90	200	EPA 8260C	08/24/2021 09:00	08/24/2021 12:00	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.45	0.90	200	EPA 8260C	08/24/2021 09:00	08/24/2021 12:00	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**3.9**		mg/kg dry	0.45	0.90	200	EPA 8260C	08/24/2021 09:00	08/24/2021 12:00	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.45	0.90	200	EPA 8260C	08/24/2021 09:00	08/24/2021 12:00	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.45	0.90	200	EPA 8260C	08/24/2021 09:00	08/24/2021 12:00	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-07 (6-8ft) **York Sample ID:** 21H0777-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 11:30 am	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
123-91-1	1,4-Dioxane	ND		mg/kg dry	9.0	18	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
78-93-3	2-Butanone	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
67-64-1	Acetone	ND		mg/kg dry	0.90	1.8	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
71-43-2	Benzene	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
67-66-3	Chloroform	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
100-41-4	**Ethyl Benzene**	**3.7**		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-09-2	**Methylene chloride**	**1.3**	J, B	mg/kg dry	0.90	1.8	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
91-20-3	**Naphthalene**	**46**		mg/kg dry	0.45	1.8	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
104-51-8	**n-Butylbenzene**	**4.6**		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
103-65-1	**n-Propylbenzene**	**5.9**		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
95-47-6	o-Xylene	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	OC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.90	1.8	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	OC
135-98-8	**sec-Butylbenzene**	**3.8**		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
108-88-3	Toluene	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 12:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC

Sample Information

Client Sample ID: SB-07 (6-8ft) **York Sample ID:** 21H0777-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 11:30 am	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/24/2021 12:00	OC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/24/2021 12:00	OC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.45	0.90	200	EPA 8260C Certifications:	08/24/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/24/2021 12:00	OC
1330-20-7	Xylenes, Total	ND		mg/kg dry	1.4	2.7	200	EPA 8260C Certifications:	08/24/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/24/2021 12:00	OC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.246	0.490	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 11:03	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.246	0.490	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 11:03	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.246	0.490	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 11:03	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.246	0.490	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 11:03	KH
120-12-7	**Anthracene**	**2.10**		mg/kg dry	0.246	0.490	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 11:03	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.246	0.490	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 11:03	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.246	0.490	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 11:03	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.246	0.490	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 11:03	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.246	0.490	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 11:03	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.246	0.490	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 11:03	KH
218-01-9	Chrysene	ND		mg/kg dry	0.246	0.490	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 11:03	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.246	0.490	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 11:03	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.246	0.490	10	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/25/2021 11:03	KH

Sample Information

Client Sample ID: SB-07 (6-8ft) **York Sample ID:** 21H0777-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 11:30 am	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**0.408**	J	mg/kg dry	0.246	0.490	10	EPA 8270D	08/24/2021 07:46	08/25/2021 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**12.9**		mg/kg dry	0.246	0.490	10	EPA 8270D	08/24/2021 07:46	08/25/2021 11:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.246	0.490	10	EPA 8270D	08/24/2021 07:46	08/25/2021 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.246	0.490	10	EPA 8270D	08/24/2021 07:46	08/25/2021 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**23.0**		mg/kg dry	0.614	1.23	25	EPA 8270D	08/24/2021 07:46	08/25/2021 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.246	0.490	10	EPA 8270D	08/24/2021 07:46	08/25/2021 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**26.0**		mg/kg dry	0.614	1.23	25	EPA 8270D	08/24/2021 07:46	08/25/2021 13:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.246	0.490	10	EPA 8270D	08/24/2021 07:46	08/25/2021 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**1.45**		mg/kg dry	0.246	0.490	10	EPA 8270D	08/24/2021 07:46	08/25/2021 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.6 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*55.0 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*426 %*	S-01	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*14.0 %*	S-01	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*97.4 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.2 %*		*24-116*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	08/23/2021 13:40	08/24/2021 11:27	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	08/23/2021 13:40	08/24/2021 11:27	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	08/23/2021 13:40	08/24/2021 11:27	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	08/23/2021 13:40	08/24/2021 11:27	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	08/23/2021 13:40	08/24/2021 11:27	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	08/23/2021 13:40	08/24/2021 11:27	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-07 (6-8ft) **York Sample ID:** 21H0777-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 11:30 am	08/17/2021

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PPCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/23/2021 13:40	08/24/2021 11:27	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications:	08/23/2021 13:40	08/24/2021 11:27	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.5 %*	*30-120*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**3.53**		mg/kg dry	1.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:10	EM
7440-39-3	**Barium**	**113**		mg/kg dry	3.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:10	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:10	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.360	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:10	EM
7440-47-3	**Chromium**	**19.4**		mg/kg dry	0.600	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:10	EM
7440-50-8	**Copper**	**23.5**		mg/kg dry	2.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:10	EM
7439-92-1	**Lead**	**26.0**		mg/kg dry	0.600	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:10	EM
7439-96-5	**Manganese**	**245**		mg/kg dry	0.600	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:10	EM
7440-02-0	**Nickel**	**18.7**		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:10	EM
7782-49-2	Selenium	ND		mg/kg dry	3.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:10	EM
7440-22-4	Silver	ND		mg/kg dry	0.600	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:10	EM
7440-66-6	**Zinc**	**56.6**		mg/kg dry	3.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 12:05	08/24/2021 12:10	EM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0401**		mg/kg dry	0.0360	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	08/24/2021 15:31	08/24/2021 17:36	MAO

Sample Information

Client Sample ID: SB-07 (6-8ft) **York Sample ID:** 21H0777-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 11:30 am	08/17/2021

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.4		%	0.100	1	SM 2540G	08/23/2021 12:44	08/24/2021 15:15	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-08 (1-3ft) **York Sample ID:** 21H0777-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 12:35 pm	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
83-32-9	**Acenaphthene**	**0.0542**	J	mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	**Acenaphthylene**	**0.0866**	J	mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	**Anthracene**	**0.162**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
56-55-3	**Benzo(a)anthracene**	**0.514**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	**Benzo(a)pyrene**	**0.550**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.527**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.398**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.458**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.561**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	**Dibenzo(a,h)anthracene**	**0.152**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB-08 (1-3ft) **York Sample ID:** 21H0777-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 12:35 pm	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**1.06**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.0813**	J	mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.465**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.101**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.599**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.924**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/24/2021 07:46	08/24/2021 22:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*61.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*97.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.6 %*	*24-116*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**13.1**		mg/kg dry	1.74	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:20	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**155**		mg/kg dry	2.91	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:20	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:20	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.349	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:20	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**25.8**		mg/kg dry	0.582	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:20	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**37.7**		mg/kg dry	2.33	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:20	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-08 (1-3ft) **York Sample ID:** 21H0777-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 12:35 pm	08/17/2021

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**211**		mg/kg dry	0.582	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:20	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**323**		mg/kg dry	0.582	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:20	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**20.6**		mg/kg dry	1.16	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:20	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.91	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:20	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.582	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:20	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**177**		mg/kg dry	2.91	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:20	EM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**6.59**		mg/kg dry	0.0349	1	EPA 7473	08/24/2021 15:31	08/24/2021 17:45	MAO
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.0**		%	0.100	1	SM 2540G	08/23/2021 12:44	08/24/2021 15:15	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-09 (7-8ft) **York Sample ID:** 21H0777-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 1:30 pm	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C	08/24/2021 09:00	08/24/2021 11:34	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: SB-09 (7-8ft) **York Sample ID:** 21H0777-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 1:30 pm	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.041	0.082	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
67-64-1	**Acetone**	**0.0062**	J	mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-09-2	Methylene chloride	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
91-20-3	Naphthalene	ND		mg/kg dry	0.0020	0.0082	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00	08/24/2021 11:34 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	OC

Sample Information

Client Sample ID: SB-09 (7-8ft) **York Sample ID:** 21H0777-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 1:30 pm	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications:	08/24/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/24/2021 11:34	OC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/24/2021 11:34	OC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/24/2021 11:34	OC
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/24/2021 11:34	OC
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/24/2021 11:34	OC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/24/2021 11:34	OC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/24/2021 11:34	OC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications:	08/24/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/24/2021 11:34	OC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	08/24/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/24/2021 11:34	OC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH

Sample Information

Client Sample ID: SB-09 (7-8ft) **York Sample ID:** 21H0777-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 1:30 pm	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:15	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*73.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*69.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*107 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.2 %*	*24-116*

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**9.96**		mg/kg dry	1.67	1	EPA 6010D Certifications:	08/20/2021 12:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 12:23	EM
7440-39-3	**Barium**	**63.5**		mg/kg dry	2.78	1	EPA 6010D Certifications:	08/20/2021 12:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 12:23	EM

Sample Information

Client Sample ID: SB-09 (7-8ft) **York Sample ID:** 21H0777-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 1:30 pm	08/17/2021

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:23	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.334	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:23	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**12.1**		mg/kg dry	0.556	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:23	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**22.5**		mg/kg dry	2.22	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:23	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**3.54**		mg/kg dry	0.556	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:23	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**144**		mg/kg dry	0.556	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:23	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**14.9**		mg/kg dry	1.11	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:23	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.78	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:23	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.556	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:23	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**30.6**		mg/kg dry	2.78	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:23	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0334	1	EPA 7473	08/24/2021 15:31	08/24/2021 17:57	MAO
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.9**		%	0.100	1	SM 2540G	08/23/2021 12:44	08/24/2021 15:15	VR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB-10 (2-4ft) **York Sample ID:** 21H0777-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 1:55 pm	08/17/2021

Sample Information

Client Sample ID: **SB-10 (2-4ft)** **York Sample ID:** **21H0777-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 1:55 pm	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
208-96-8	**Acenaphthylene**	**0.0960**		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
120-12-7	**Anthracene**	**0.121**		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
56-55-3	**Benzo(a)anthracene**	**0.352**		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
50-32-8	**Benzo(a)pyrene**	**0.384**		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
205-99-2	**Benzo(b)fluoranthene**	**0.352**		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.284**		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
207-08-9	**Benzo(k)fluoranthene**	**0.342**		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
218-01-9	**Chrysene**	**0.395**		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.111**		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
206-44-0	**Fluoranthene**	**0.773**		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.311**		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
85-01-8	**Phenanthrene**	**0.421**		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
108-95-2	Phenol	ND		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH
129-00-0	**Pyrene**	**0.669**		mg/kg dry	0.0481	0.0960	2	EPA 8270D Certifications:	08/24/2021 07:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 23:45	KH

Sample Information

Client Sample ID: SB-10 (2-4ft) **York Sample ID:** 21H0777-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 1:55 pm	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.8 %*		*20-108*							
4165-62-2	*Surrogate: SURR: Phenol-d5*	*61.6 %*		*23-114*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.3 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.3 %*		*21-113*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*95.1 %*		*19-110*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.6 %*		*24-116*							

Metals, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**7.40**		mg/kg dry	1.74	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:26	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**170**		mg/kg dry	2.91	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:26	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:26	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.498**		mg/kg dry	0.349	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:26	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**21.7**		mg/kg dry	0.581	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:26	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**39.4**		mg/kg dry	2.33	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:26	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**228**		mg/kg dry	0.581	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:26	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**362**		mg/kg dry	0.581	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:26	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.6**		mg/kg dry	1.16	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:26	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.91	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:26	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.581	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:26	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**235**		mg/kg dry	2.91	1	EPA 6010D	08/20/2021 12:05	08/24/2021 12:26	EM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-10 (2-4ft) **York Sample ID:** 21H0777-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Soil	August 16, 2021 1:55 pm	08/17/2021

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.927**		mg/kg dry	0.0349	1	EPA 7473	08/24/2021 15:31	08/24/2021 18:06	MAO
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.0**		%	0.100	1	SM 2540G	08/23/2021 12:44	08/24/2021 15:15	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: MW-01 **York Sample ID:** 21H0777-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 2:40 pm	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 09:00	08/18/2021 17:18	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 09:00	08/18/2021 17:18	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 09:00	08/18/2021 17:18	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 09:00	08/18/2021 17:18	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 09:00	08/18/2021 17:18	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 09:00	08/18/2021 17:18	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 09:00	08/18/2021 17:18	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 09:00	08/18/2021 17:18	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 09:00	08/18/2021 17:18	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	08/18/2021 09:00	08/18/2021 17:18	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: MW-01 **York Sample ID:** 21H0777-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 2:40 pm	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	08/18/2021 09:00	08/18/2021 17:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-01 **York Sample ID:** 21H0777-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 2:40 pm	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.2 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*			*79-122*						

Semi-Volatiles, NYSDEC Part 375 List (Scan)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/18/2021 21:19	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/18/2021 21:19	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/18/2021 21:19	KH
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/18/2021 21:19	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*38.3 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*23.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.6 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.4 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*110 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.2 %*	*30.7-106*

Semi-Volatiles, NYSDEC Part 375 List (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.122**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:09	KH
208-96-8	**Acenaphthylene**	**0.222**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:09	KH
120-12-7	**Anthracene**	**0.667**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:09	KH
56-55-3	**Benzo(a)anthracene**	**0.122**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:09	KH
50-32-8	**Benzo(a)pyrene**	**0.144**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:09	KH
205-99-2	**Benzo(b)fluoranthene**	**0.122**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:09	KH

Sample Information

Client Sample ID: MW-01 **York Sample ID:** 21H0777-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 2:40 pm	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**0.100**		ug/L	0.0556	1	EPA 8270D SIM	08/18/2021 07:12	08/24/2021 17:09	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.133**		ug/L	0.0556	1	EPA 8270D SIM	08/18/2021 07:12	08/24/2021 17:09	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.111**		ug/L	0.0556	1	EPA 8270D SIM	08/18/2021 07:12	08/24/2021 17:09	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	08/18/2021 07:12	08/24/2021 17:09	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.244**		ug/L	0.0556	1	EPA 8270D SIM	08/18/2021 07:12	08/24/2021 17:09	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.311**		ug/L	0.0556	1	EPA 8270D SIM	08/18/2021 07:12	08/24/2021 17:09	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM	08/18/2021 07:12	08/24/2021 17:09	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0889**		ug/L	0.0556	1	EPA 8270D SIM	08/18/2021 07:12	08/24/2021 17:09	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.100**		ug/L	0.0556	1	EPA 8270D SIM	08/18/2021 07:12	08/24/2021 17:09	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM	08/18/2021 07:12	08/24/2021 17:09	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**0.656**		ug/L	0.0556	1	EPA 8270D SIM	08/18/2021 07:12	08/24/2021 17:09	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.244**		ug/L	0.0556	1	EPA 8270D SIM	08/18/2021 07:12	08/24/2021 17:09	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, NYSDEC Part 375 - ICP/MS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**87.2**		ug/L	1.11	1	EPA 6020B	08/18/2021 09:01	08/18/2021 16:52	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**314**		ug/L	1.11	1	EPA 6020B	08/18/2021 09:01	08/18/2021 16:52	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	08/18/2021 09:01	08/18/2021 16:52	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**1.01**		ug/L	0.556	1	EPA 6020B	08/18/2021 09:01	08/18/2021 16:52	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**146**		ug/L	1.11	1	EPA 6020B	08/18/2021 09:01	08/18/2021 16:52	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**207**		ug/L	1.11	1	EPA 6020B	08/18/2021 09:01	08/18/2021 16:52	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**56.7**		ug/L	1.11	1	EPA 6020B	08/18/2021 09:01	08/18/2021 16:52	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **MW-01** **York Sample ID:** **21H0777-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 2:40 pm	08/17/2021

Metals, NYSDEC Part 375 - ICP/MS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**3850**		ug/L	11.1	10	EPA 6020B	08/18/2021 09:01	08/19/2021 12:27	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**86.4**		ug/L	1.11	1	EPA 6020B	08/18/2021 09:01	08/18/2021 16:52	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**7.38**		ug/L	1.11	1	EPA 6020B	08/18/2021 09:01	08/18/2021 16:52	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	08/18/2021 09:01	08/18/2021 16:52	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**324**	B	ug/L	1.11	1	EPA 6020B	08/18/2021 09:01	08/18/2021 16:52	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, NYSDEC Part 375 - ICP/MS, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:15	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**342**		ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:15	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:15	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:15	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:15	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:15	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:15	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**358**		ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:15	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**4.22**		ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:15	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**4.27**	M-MBLk, B	ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:15	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND	M-BS	ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:15	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**20.3**		ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:15	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-01 **York Sample ID:** 21H0777-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 2:40 pm	08/17/2021

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0003**		mg/L	0.0002	1	EPA 7470	08/20/2021 19:30	08/20/2021 19:30	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0003**		mg/L	0.0002	1	EPA 7470	08/20/2021 19:23	08/20/2021 19:23	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-02 **York Sample ID:** 21H0777-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 2:55 pm	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.400	1.00	2	EPA 8260C	08/20/2021 09:00	08/20/2021 13:47	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.400	1.00	2	EPA 8260C	08/20/2021 09:00	08/20/2021 13:47	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.400	1.00	2	EPA 8260C	08/20/2021 09:00	08/20/2021 13:47	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**16.7**		ug/L	0.400	1.00	2	EPA 8260C	08/20/2021 09:00	08/20/2021 13:47	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.400	1.00	2	EPA 8260C	08/20/2021 09:00	08/20/2021 13:47	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.400	1.00	2	EPA 8260C	08/20/2021 09:00	08/20/2021 13:47	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**13.2**		ug/L	0.400	1.00	2	EPA 8260C	08/20/2021 09:00	08/20/2021 13:47	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.400	1.00	2	EPA 8260C	08/20/2021 09:00	08/20/2021 13:47	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.400	1.00	2	EPA 8260C	08/20/2021 09:00	08/20/2021 13:47	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	80.0	160	2	EPA 8260C	08/20/2021 09:00	08/20/2021 13:47	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-02** **York Sample ID:** **21H0777-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 2:55 pm	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
67-64-1	**Acetone**	**2.34**	J	ug/L	2.00	4.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
71-43-2	**Benzene**	**42.2**		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
56-23-5	Carbon tetrachloride	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
108-90-7	Chlorobenzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
67-66-3	Chloroform	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
100-41-4	**Ethyl Benzene**	**33.1**		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
75-09-2	Methylene chloride	ND		ug/L	2.00	4.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
91-20-3	**Naphthalene**	**365**		ug/L	5.00	10.0	5	EPA 8260C Certifications:	08/23/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/23/2021 14:07	YG
104-51-8	**n-Butylbenzene**	**17.2**		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
103-65-1	**n-Propylbenzene**	**35.2**		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
95-47-6	**o-Xylene**	**2.58**		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/20/2021 13:47	YG
179601-23-1	**p- & m- Xylenes**	**7.90**		ug/L	1.00	2.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/20/2021 13:47	YG
135-98-8	sec-Butylbenzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
98-06-6	tert-Butylbenzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
127-18-4	Tetrachloroethylene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
108-88-3	Toluene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
79-01-6	Trichloroethylene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
75-01-4	Vinyl Chloride	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/20/2021 13:47	YG
1330-20-7	**Xylenes, Total**	**10.5**		ug/L	1.20	3.00	2	EPA 8260C Certifications:	08/20/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/20/2021 13:47	YG

Sample Information

Client Sample ID: **MW-02** **York Sample ID:** **21H0777-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 2:55 pm	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.6 %*		*69-130*							
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*		*81-117*							
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.7 %*		*79-122*							

Semi-Volatiles, NYSDEC Part 375 List (Scan)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	500	1000	10	EPA 8270D Certifications:	08/18/2021 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2021 10:14	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	500	1000	10	EPA 8270D Certifications:	08/18/2021 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2021 10:14	KH
132-64-9	Dibenzofuran	ND		ug/L	500	1000	10	EPA 8270D Certifications:	08/18/2021 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2021 10:14	KH
108-95-2	Phenol	ND		ug/L	500	1000	10	EPA 8270D Certifications:	08/18/2021 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/19/2021 10:14	KH
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*%*	S-01	*19.7-63.1*							
4165-62-2	*Surrogate: SURR: Phenol-d5*	*%*	S-01	*10.1-41.7*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*%*	S-01	*50.2-113*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*%*	S-01	*39.9-105*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*%*	S-01	*39.3-151*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*%*	S-01	*30.7-106*							

Semi-Volatiles, NYSDEC Part 375 List (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	10.0	10	EPA 8270D SIM Certifications:	08/18/2021 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 16:37	KH
208-96-8	Acenaphthylene	ND		ug/L	10.0	10	EPA 8270D SIM Certifications:	08/18/2021 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 16:37	KH
120-12-7	Anthracene	ND		ug/L	10.0	10	EPA 8270D SIM Certifications:	08/18/2021 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 16:37	KH
56-55-3	**Benzo(a)anthracene**	**94.0**		ug/L	10.0	10	EPA 8270D SIM Certifications:	08/18/2021 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 16:37	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	10.0	10	EPA 8270D SIM Certifications:	08/18/2021 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 16:37	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	10.0	10	EPA 8270D SIM Certifications:	08/18/2021 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/24/2021 16:37	KH

Sample Information

Client Sample ID: **MW-02** **York Sample ID:** **21H0777-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 2:55 pm	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	10.0	10	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 16:37	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	10.0	10	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 16:37	KH
218-01-9	Chrysene	ND		ug/L	10.0	10	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 16:37	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	10.0	10	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 16:37	KH
206-44-0	Fluoranthene	ND		ug/L	10.0	10	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 16:37	KH
86-73-7	Fluorene	ND		ug/L	10.0	10	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 16:37	KH
118-74-1	Hexachlorobenzene	ND		ug/L	4.00	10	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2021 07:12	08/24/2021 16:37	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	10.0	10	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 16:37	KH
91-20-3	**Naphthalene**	**48400**		ug/L	1000	1000	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 16:05	KH
87-86-5	Pentachlorophenol	ND		ug/L	50.0	10	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2021 07:12	08/24/2021 16:37	KH
85-01-8	**Phenanthrene**	**61400**		ug/L	1000	1000	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 16:05	KH
129-00-0	**Pyrene**	**1880**		ug/L	100	100	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/23/2021 18:13	KH

Metals, NYSDEC Part 375 - ICP/MS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**107**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:56	WJM
7440-39-3	**Barium**	**316**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:56	WJM
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:56	WJM
7440-43-9	**Cadmium**	**0.780**		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:56	WJM
7440-47-3	**Chromium**	**131**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:56	WJM
7440-50-8	**Copper**	**146**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:56	WJM
7439-92-1	**Lead**	**61.6**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:56	WJM
7439-96-5	**Manganese**	**7640**		ug/L	22.2	20	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/19/2021 12:30	WJM

Sample Information

Client Sample ID: **MW-02** **York Sample ID:** **21H0777-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 2:55 pm	08/17/2021

Metals, NYSDEC Part 375 - ICP/MS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**75.8**		ug/L	1.11	1	EPA 6020B	08/18/2021 09:01	08/18/2021 16:56	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**3.77**		ug/L	1.11	1	EPA 6020B	08/18/2021 09:01	08/18/2021 16:56	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B	08/18/2021 09:01	08/18/2021 16:56	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**285**	B	ug/L	1.11	1	EPA 6020B	08/18/2021 09:01	08/18/2021 16:56	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, NYSDEC Part 375 - ICP/MS, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**4.46**		ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:26	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**248**		ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:26	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:26	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:26	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:26	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:26	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:26	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**5920**		ug/L	11.1	10	EPA 6020B	08/23/2021 10:48	08/23/2021 16:29	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**1.30**		ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:26	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**4.80**	M-MBLk, B	ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:26	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND	M-BS	ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:26	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**7.89**		ug/L	1.11	1	EPA 6020B	08/23/2021 10:48	08/23/2021 15:26	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0002**		mg/L	0.0002	1	EPA 7470	08/20/2021 19:30	08/20/2021 19:30	AA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW-02 **York Sample ID:** 21H0777-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 2:55 pm	08/17/2021

Mercury, Dissolved **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0002**		mg/L	0.0002	1	EPA 7470	08/20/2021 19:23	08/20/2021 19:23	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-03 **York Sample ID:** 21H0777-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 3:25 pm	08/17/2021

Volatile Organics, NYSDEC Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 12:30	08/18/2021 23:31	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 12:30	08/18/2021 23:31	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 12:30	08/18/2021 23:31	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 12:30	08/18/2021 23:31	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 12:30	08/18/2021 23:31	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 12:30	08/18/2021 23:31	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 12:30	08/18/2021 23:31	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 12:30	08/18/2021 23:31	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 12:30	08/18/2021 23:31	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	08/18/2021 12:30	08/18/2021 23:31	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 12:30	08/18/2021 23:31	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	08/18/2021 12:30	08/18/2021 23:31	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 12:30	08/18/2021 23:31	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 12:30	08/18/2021 23:31	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	08/18/2021 12:30	08/18/2021 23:31	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-03 **York Sample ID:** 21H0777-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 3:25 pm	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	08/18/2021 12:30	08/18/2021 23:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Semi-Volatiles, NYSDEC Part 375 List (Scan)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-03 **York Sample ID:** 21H0777-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 3:25 pm	08/17/2021

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/18/2021 22:20	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/18/2021 22:20	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/18/2021 22:20	KH
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/18/2021 22:20	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.7 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*18.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.3 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*102 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.3 %*	*30.7-106*

Semi-Volatiles, NYSDEC Part 375 List (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.878**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:41	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:41	KH
120-12-7	**Anthracene**	**1.10**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:41	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:41	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:41	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:41	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:41	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:41	KH
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:41	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:41	KH
206-44-0	**Fluoranthene**	**0.467**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:41	KH
86-73-7	**Fluorene**	**2.10**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:41	KH

Sample Information

Client Sample ID: MW-03 **York Sample ID:** 21H0777-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 3:25 pm	08/17/2021

Semi-Volatiles, NYSDEC Part 375 List (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2021 07:12	08/24/2021 17:41	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:41	KH
91-20-3	**Naphthalene**	**1.01**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:41	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/18/2021 07:12	08/24/2021 17:41	KH
85-01-8	**Phenanthrene**	**2.01**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:41	KH
129-00-0	**Pyrene**	**0.678**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 07:12	08/24/2021 17:41	KH

Metals, NYSDEC Part 375 - ICP/MS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**9.08**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:59	WJM
7440-39-3	**Barium**	**158**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:59	WJM
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:59	WJM
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:59	WJM
7440-47-3	**Chromium**	**3.24**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:59	WJM
7440-50-8	**Copper**	**7.20**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:59	WJM
7439-92-1	**Lead**	**2.80**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:59	WJM
7439-96-5	**Manganese**	**1140**		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/19/2021 12:33	WJM
7440-02-0	**Nickel**	**5.20**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:59	WJM
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:59	WJM
7440-22-4	Silver	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:59	WJM
7440-66-6	**Zinc**	**24.3**	B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2021 09:01	08/18/2021 16:59	WJM

Metals, NYSDEC Part 375 - ICP/MS, Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **MW-03** **York Sample ID:** **21H0777-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 3:25 pm	08/17/2021

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/23/2021 10:48	08/23/2021 15:29	WJM
7440-39-3	**Barium**	**162**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/23/2021 10:48	08/23/2021 15:29	WJM
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/23/2021 10:48	08/23/2021 15:29	WJM
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/23/2021 10:48	08/23/2021 15:29	WJM
7440-47-3	Chromium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/23/2021 10:48	08/23/2021 15:29	WJM
7440-50-8	**Copper**	**1.14**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/23/2021 10:48	08/23/2021 15:29	WJM
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/23/2021 10:48	08/23/2021 15:29	WJM
7439-96-5	**Manganese**	**1040**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/23/2021 10:48	08/23/2021 15:29	WJM
7440-02-0	**Nickel**	**3.25**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/23/2021 10:48	08/23/2021 15:29	WJM
7782-49-2	**Selenium**	**5.74**	M-MBLk, B	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/23/2021 10:48	08/23/2021 15:29	WJM
7440-22-4	Silver	ND	M-BS	ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/23/2021 10:48	08/23/2021 15:29	WJM
7440-66-6	**Zinc**	**32.9**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/23/2021 10:48	08/23/2021 15:29	WJM

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 19:30	08/20/2021 19:30	AA

Mercury, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2021 19:23	08/20/2021 19:23	AA

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **21H0777-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 3:45 pm	08/17/2021

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **21H0777-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 3:45 pm	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	08/18/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
67-66-3	**Chloroform**	**0.900**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	08/18/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **21H0777-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21H0777	42137.00 Broad Hollow, LLC	Water	August 16, 2021 3:45 pm	08/17/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/18/2021 12:52	YG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/18/2021 12:52	YG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2021 12:52	YG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	08/18/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/18/2021 12:52	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Analytical Batch Summary

Batch ID: BH10937 **Preparation Method:** EPA 3510C **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-10	MW-01	08/18/21
21H0777-11	MW-02	08/18/21
21H0777-11RE1	MW-02	08/18/21
21H0777-11RE2	MW-02	08/18/21
21H0777-12	MW-03	08/18/21
BH10937-BLK1	Blank	08/18/21
BH10937-BLK2	Blank	08/18/21
BH10937-BS1	LCS	08/18/21
BH10937-BS2	LCS	08/18/21
BH10937-BSD1	LCS Dup	08/18/21

Batch ID: BH10949 **Preparation Method:** EPA 3015A **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-10	MW-01	08/18/21
21H0777-10RE1	MW-01	08/18/21
21H0777-11	MW-02	08/18/21
21H0777-11RE1	MW-02	08/18/21
21H0777-12	MW-03	08/18/21
21H0777-12RE1	MW-03	08/18/21
BH10949-BLK1	Blank	08/18/21
BH10949-BS1	LCS	08/18/21
BH10949-DUP1	Duplicate	08/18/21
BH10949-MS1	Matrix Spike	08/18/21

Batch ID: BH10953 **Preparation Method:** EPA 5030B **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-10	MW-01	08/18/21
21H0777-13	Trip Blank	08/18/21
BH10953-BLK1	Blank	08/18/21
BH10953-BS1	LCS	08/18/21
BH10953-BSD1	LCS Dup	08/18/21

Batch ID: BH10967 **Preparation Method:** EPA 5030B **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-12	MW-03	08/18/21
BH10967-BLK1	Blank	08/18/21
BH10967-BS1	LCS	08/18/21
BH10967-BSD1	LCS Dup	08/18/21

Batch ID: BH11126 **Preparation Method:** EPA 5030B **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-11	MW-02	08/20/21
BH11126-BLK1	Blank	08/20/21
BH11126-BS1	LCS	08/20/21
BH11126-BSD1	LCS Dup	08/20/21

Batch ID: BH11141 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-01	SB-01 (2-4ft)	08/20/21
21H0777-02	SB-02 (2-4ft)	08/20/21
21H0777-03	SB-03 (2-4ft)	08/20/21
21H0777-04	SB-04 (8-10ft)	08/20/21
21H0777-05	SB-06 (5-7ft)	08/20/21
21H0777-06	SB-07 (6-8ft)	08/20/21
21H0777-07	SB-08 (1-3ft)	08/20/21
21H0777-08	SB-09 (7-8ft)	08/20/21
21H0777-09	SB-10 (2-4ft)	08/20/21
BH11141-BLK1	Blank	08/20/21
BH11141-DUP1	Duplicate	08/20/21
BH11141-MS1	Matrix Spike	08/20/21
BH11141-PS1	Post Spike	08/20/21
BH11141-SRM1	Reference	08/20/21

Batch ID: BH11179 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-10	MW-01	08/20/21
21H0777-11	MW-02	08/20/21
21H0777-12	MW-03	08/20/21
BH11179-BLK1	Blank	08/20/21
BH11179-BS1	LCS	08/20/21
BH11179-BS2	LCS	08/20/21

Batch ID: BH11180 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-10	MW-01	08/20/21
21H0777-11	MW-02	08/20/21
21H0777-12	MW-03	08/20/21
BH11180-BLK1	Blank	08/20/21
BH11180-BS1	LCS	08/20/21
BH11180-BS2	LCS	08/20/21
BH11180-DUP1	Duplicate	08/20/21
BH11180-DUP2	Duplicate	08/20/21

Batch ID: BH11214 **Preparation Method:** EPA 5035A **Prepared By:** OC

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-04	SB-04 (8-10ft)	08/23/21
21H0777-05	SB-06 (5-7ft)	08/23/21
BH11214-BLK1	Blank	08/23/21
BH11214-BLK2	Blank	08/23/21
BH11214-BS1	LCS	08/23/21
BH11214-BSD1	LCS Dup	08/23/21
BH11214-MS1	Matrix Spike	08/23/21
BH11214-MSD1	Matrix Spike Dup	08/23/21

Batch ID: BH11216 **Preparation Method:** EPA 5030B **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-11RE1	MW-02	08/23/21
BH11216-BLK1	Blank	08/23/21
BH11216-BS1	LCS	08/23/21
BH11216-BSD1	LCS Dup	08/23/21

Batch ID: BH11222 **Preparation Method:** EPA 3015A **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-10	MW-01	08/23/21
21H0777-11	MW-02	08/23/21
21H0777-11RE1	MW-02	08/23/21
21H0777-12	MW-03	08/23/21
BH11222-BLK1	Blank	08/23/21
BH11222-BS1	LCS	08/23/21
BH11222-DUP1	Duplicate	08/23/21
BH11222-MS1	Matrix Spike	08/23/21

Batch ID: BH11223 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-01	SB-01 (2-4ft)	08/23/21
21H0777-02	SB-02 (2-4ft)	08/23/21
21H0777-03	SB-03 (2-4ft)	08/23/21
21H0777-04	SB-04 (8-10ft)	08/23/21
BH11223-DUP1	Duplicate	08/23/21

Batch ID: BH11225 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-05	SB-06 (5-7ft)	08/23/21
21H0777-06	SB-07 (6-8ft)	08/23/21
21H0777-07	SB-08 (1-3ft)	08/23/21
21H0777-08	SB-09 (7-8ft)	08/23/21
21H0777-09	SB-10 (2-4ft)	08/23/21

BH11225-DUP1	Duplicate	08/23/21

Batch ID: BH11232 **Preparation Method:** EPA 3546 PPCB **Prepared By:** EMS

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-04	SB-04 (8-10ft)	08/23/21
21H0777-05	SB-06 (5-7ft)	08/23/21
21H0777-06	SB-07 (6-8ft)	08/23/21
BH11232-BLK1	Blank	08/23/21
BH11232-BS1	LCS	08/23/21
BH11232-MS1	Matrix Spike	08/23/21
BH11232-MSD1	Matrix Spike Dup	08/23/21

Batch ID: BH11291 **Preparation Method:** EPA 3546 SVOA **Prepared By:** RTH

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-01	SB-01 (2-4ft)	08/24/21
21H0777-01RE1	SB-01 (2-4ft)	08/24/21
21H0777-02	SB-02 (2-4ft)	08/24/21
21H0777-03	SB-03 (2-4ft)	08/24/21
21H0777-04	SB-04 (8-10ft)	08/24/21
21H0777-05	SB-06 (5-7ft)	08/24/21
21H0777-06	SB-07 (6-8ft)	08/24/21
21H0777-06RE1	SB-07 (6-8ft)	08/24/21
21H0777-06RE2	SB-07 (6-8ft)	08/24/21
21H0777-07	SB-08 (1-3ft)	08/24/21
21H0777-08	SB-09 (7-8ft)	08/24/21
21H0777-09	SB-10 (2-4ft)	08/24/21
BH11291-BLK1	Blank	08/24/21
BH11291-BS1	LCS	08/24/21
BH11291-MS1	Matrix Spike	08/24/21
BH11291-MSD1	Matrix Spike Dup	08/24/21

Batch ID: BH11299 **Preparation Method:** EPA 5035A **Prepared By:** OC

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-06	SB-07 (6-8ft)	08/24/21
21H0777-08	SB-09 (7-8ft)	08/24/21
BH11299-BLK1	Blank	08/24/21
BH11299-BLK2	Blank	08/24/21
BH11299-BS1	LCS	08/24/21
BH11299-BSD1	LCS Dup	08/24/21

Batch ID: BH11341 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21H0777-01	SB-01 (2-4ft)	08/24/21
21H0777-02	SB-02 (2-4ft)	08/24/21
21H0777-03	SB-03 (2-4ft)	08/24/21

21H0777-04	SB-04 (8-10ft)	08/24/21
21H0777-05	SB-06 (5-7ft)	08/24/21
21H0777-06	SB-07 (6-8ft)	08/24/21
21H0777-07	SB-08 (1-3ft)	08/24/21
21H0777-08	SB-09 (7-8ft)	08/24/21
21H0777-09	SB-10 (2-4ft)	08/24/21
BH11341-BLK1	Blank	08/24/21
BH11341-DUP1	Duplicate	08/24/21
BH11341-MS1	Matrix Spike	08/24/21
BH11341-SRM1	Reference	08/24/21

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10953 - EPA 5030B											
Blank (BH10953-BLK1)									Prepared & Analyzed: 08/18/2021		
1,1,1-Trichloroethane	ND	0.500	ug/L								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroform	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
sec-Butylbenzene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.84*		*"*	*10.0*		*98.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10953 - EPA 5030B											
LCS (BH10953-BS1)								Prepared & Analyzed: 08/18/2021			
1,1,1-Trichloroethane	10.5		ug/L	10.0		105	78-136				
1,1-Dichloroethane	10.2		"	10.0		102	82-129				
1,1-Dichloroethylene	9.96		"	10.0		99.6	68-138				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	10.2		"	10.0		102	73-132				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131				
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122				
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124				
1,4-Dioxane	244		"	210		116	10-349				
2-Butanone	9.26		"	10.0		92.6	49-152				
Acetone	6.76		"	10.0		67.6	14-150				
Benzene	10.5		"	10.0		105	85-126				
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	10.8		"	10.0		108	88-120				
Chloroform	10.3		"	10.0		103	82-128				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Methyl tert-butyl ether (MTBE)	9.76		"	10.0		97.6	76-135				
Methylene chloride	9.84		"	10.0		98.4	55-137				
Naphthalene	9.99		"	10.0		99.9	70-147				
n-Butylbenzene	10.7		"	10.0		107	79-132				
n-Propylbenzene	10.6		"	10.0		106	78-133				
o-Xylene	10.7		"	10.0		107	78-130				
p- & m- Xylenes	21.6		"	20.0		108	77-133				
sec-Butylbenzene	10.8		"	10.0		108	79-137				
tert-Butylbenzene	10.2		"	10.0		102	77-138				
Tetrachloroethylene	7.00		"	10.0		70.0	82-131	Low Bias			
Toluene	10.4		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132				
Trichloroethylene	10.2		"	10.0		102	82-128				
Vinyl Chloride	11.9		"	10.0		119	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.83*		*"*	*10.0*		*98.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.94*		*"*	*10.0*		*99.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.89*		*"*	*10.0*		*98.9*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10953 - EPA 5030B											
LCS Dup (BH10953-BSD1)								Prepared & Analyzed: 08/18/2021			
1,1,1-Trichloroethane	10.6		ug/L	10.0		106	78-136		0.285	30	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		1.17	30	
1,1-Dichloroethylene	10.0		"	10.0		100	68-138		0.401	30	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132		4.26	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		0.579	30	
1,2-Dichloroethane	11.0		"	10.0		110	73-132		7.36	30	
1,3,5-Trimethylbenzene	10.0		"	10.0		100	80-131		5.06	30	
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122		2.29	30	
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124		2.58	30	
1,4-Dioxane	362		"	210		172	10-349		38.8	30	Non-dir.
2-Butanone	11.5		"	10.0		115	49-152		21.2	30	
Acetone	7.95		"	10.0		79.5	14-150		16.2	30	
Benzene	10.4		"	10.0		104	85-126		0.479	30	
Carbon tetrachloride	10.4		"	10.0		104	77-141		0.0957	30	
Chlorobenzene	10.8		"	10.0		108	88-120		0.277	30	
Chloroform	10.6		"	10.0		106	82-128		2.30	30	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129		2.81	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		1.04	30	
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	76-135		12.8	30	
Methylene chloride	10.4		"	10.0		104	55-137		5.82	30	
Naphthalene	11.0		"	10.0		110	70-147		9.90	30	
n-Butylbenzene	10.4		"	10.0		104	79-132		3.22	30	
n-Propylbenzene	9.93		"	10.0		99.3	78-133		6.24	30	
o-Xylene	10.7		"	10.0		107	78-130		0.375	30	
p- & m- Xylenes	21.4		"	20.0		107	77-133		0.651	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		5.22	30	
tert-Butylbenzene	9.74		"	10.0		97.4	77-138		5.10	30	
Tetrachloroethylene	6.90		"	10.0		69.0	82-131	Low Bias	1.44	30	
Toluene	10.3		"	10.0		103	80-127		1.35	30	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132		0.874	30	
Trichloroethylene	9.90		"	10.0		99.0	82-128		3.38	30	
Vinyl Chloride	11.6		"	10.0		116	58-145		2.64	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.66*		*"*	*10.0*		*96.6*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10967 - EPA 5030B											
Blank (BH10967-BLK1)											
1,1,1-Trichloroethane	ND	0.500	ug/L								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroform	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
sec-Butylbenzene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		"	*10.0*		*100*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.88*		"	*10.0*		*98.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		"	*10.0*		*104*	*79-122*				

Prepared & Analyzed: 08/18/2021

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10967 - EPA 5030B											
LCS (BH10967-BS1)								Prepared & Analyzed: 08/18/2021			
1,1,1-Trichloroethane	9.74		ug/L	10.0		97.4	78-130				
1,1-Dichloroethane	9.54		"	10.0		95.4	82-129				
1,1-Dichloroethylene	9.24		"	10.0		92.4	70-130				
1,2,4-Trimethylbenzene	9.44		"	10.0		94.4	82-132				
1,2-Dichlorobenzene	9.59		"	10.0		95.9	79-123				
1,2-Dichloroethane	10.2		"	10.0		102	73-130				
1,3,5-Trimethylbenzene	9.28		"	10.0		92.8	80-131				
1,3-Dichlorobenzene	9.57		"	10.0		95.7	86-122				
1,4-Dichlorobenzene	9.69		"	10.0		96.9	85-124				
1,4-Dioxane	283		"	210		135	40-160				
2-Butanone	10.2		"	10.0		102	49-152				
Acetone	7.48		"	10.0		74.8	40-150				
Benzene	9.86		"	10.0		98.6	85-126				
Carbon tetrachloride	9.55		"	10.0		95.5	77-130				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroform	9.83		"	10.0		98.3	82-128				
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	83-129				
Ethyl Benzene	9.79		"	10.0		97.9	80-130				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-130				
Methylene chloride	10.7		"	10.0		107	70-130				
Naphthalene	10.0		"	10.0		100	70-147				
n-Butylbenzene	9.38		"	10.0		93.8	79-132				
n-Propylbenzene	9.17		"	10.0		91.7	78-133				
o-Xylene	9.97		"	10.0		99.7	78-130				
p- & m- Xylenes	20.0		"	20.0		99.8	77-130				
sec-Butylbenzene	9.40		"	10.0		94.0	79-137				
tert-Butylbenzene	8.95		"	10.0		89.5	77-138				
Tetrachloroethylene	6.36		"	10.0		63.6	82-130	Low Bias			
Toluene	9.69		"	10.0		96.9	80-127				
trans-1,2-Dichloroethylene	9.36		"	10.0		93.6	80-130				
Trichloroethylene	9.37		"	10.0		93.7	82-128				
Vinyl Chloride	10.9		"	10.0		109	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.84*		*"*	*10.0*		*98.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.51*		*"*	*10.0*		*95.1*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10967 - EPA 5030B											
LCS Dup (BH10967-BSD1)								Prepared & Analyzed: 08/18/2021			
1,1,1-Trichloroethane	9.96		ug/L	10.0		99.6	78-130		2.23	20	
1,1-Dichloroethane	9.83		"	10.0		98.3	82-129		2.99	20	
1,1-Dichloroethylene	9.63		"	10.0		96.3	70-130		4.13	20	
1,2,4-Trimethylbenzene	9.96		"	10.0		99.6	82-132		5.36	20	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		6.85	20	
1,2-Dichloroethane	10.2		"	10.0		102	73-130		0.587	20	
1,3,5-Trimethylbenzene	9.84		"	10.0		98.4	80-131		5.86	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122		6.18	20	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		5.03	20	
1,4-Dioxane	297		"	210		141	40-160		4.87	20	
2-Butanone	12.2		"	10.0		122	49-152		17.9	20	
Acetone	8.11		"	10.0		81.1	40-150		8.08	20	
Benzene	10.1		"	10.0		101	85-126		2.60	20	
Carbon tetrachloride	9.98		"	10.0		99.8	77-130		4.40	20	
Chlorobenzene	10.6		"	10.0		106	88-120		4.33	20	
Chloroform	10.1		"	10.0		101	82-128		2.91	20	
cis-1,2-Dichloroethylene	9.57		"	10.0		95.7	83-129		2.01	20	
Ethyl Benzene	10.2		"	10.0		102	80-130		3.71	20	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	76-130		1.38	20	
Methylene chloride	10.7		"	10.0		107	70-130		0.186	20	
Naphthalene	10.3		"	10.0		103	70-147		3.24	30	
n-Butylbenzene	10.1		"	10.0		101	79-132		7.59	30	
n-Propylbenzene	9.73		"	10.0		97.3	78-133		5.93	30	
o-Xylene	10.2		"	10.0		102	78-130		2.38	20	
p- & m- Xylenes	20.6		"	20.0		103	77-130		3.25	20	
sec-Butylbenzene	10.2		"	10.0		102	79-137		7.87	30	
tert-Butylbenzene	9.58		"	10.0		95.8	77-138		6.80	30	
Tetrachloroethylene	6.62		"	10.0		66.2	82-130	Low Bias	4.01	20	
Toluene	9.92		"	10.0		99.2	80-127		2.35	20	
trans-1,2-Dichloroethylene	9.99		"	10.0		99.9	80-130		6.51	20	
Trichloroethylene	9.58		"	10.0		95.8	82-128		2.22	20	
Vinyl Chloride	11.6		"	10.0		116	70-130		6.29	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.66*		*"*	*10.0*		*96.6*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11126 - EPA 5030B											
Blank (BH11126-BLK1)											
1,1,1-Trichloroethane	ND	0.500	ug/L								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroform	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
sec-Butylbenzene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Prepared & Analyzed: 08/20/2021

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11126 - EPA 5030B											
LCS (BH11126-BS1)								Prepared & Analyzed: 08/20/2021			
1,1,1-Trichloroethane	9.88		ug/L	10.0		98.8	78-136				
1,1-Dichloroethane	9.75		"	10.0		97.5	82-129				
1,1-Dichloroethylene	9.56		"	10.0		95.6	68-138				
1,2,4-Trimethylbenzene	9.94		"	10.0		99.4	82-132				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	10.4		"	10.0		104	73-132				
1,3,5-Trimethylbenzene	9.85		"	10.0		98.5	80-131				
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122				
1,4-Dichlorobenzene	10.0		"	10.0		100	85-124				
1,4-Dioxane	353		"	210		168	10-349				
2-Butanone	9.22		"	10.0		92.2	49-152				
Acetone	6.99		"	10.0		69.9	14-150				
Benzene	10.3		"	10.0		103	85-126				
Carbon tetrachloride	9.92		"	10.0		99.2	77-141				
Chlorobenzene	10.6		"	10.0		106	88-120				
Chloroform	10.0		"	10.0		100	82-128				
cis-1,2-Dichloroethylene	9.91		"	10.0		99.1	83-129				
Ethyl Benzene	10.5		"	10.0		105	80-131				
Methyl tert-butyl ether (MTBE)	9.98		"	10.0		99.8	76-135				
Methylene chloride	9.74		"	10.0		97.4	55-137				
Naphthalene	9.92		"	10.0		99.2	70-147				
n-Butylbenzene	10.1		"	10.0		101	79-132				
n-Propylbenzene	9.94		"	10.0		99.4	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	20.9		"	20.0		104	77-133				
sec-Butylbenzene	10.1		"	10.0		101	79-137				
tert-Butylbenzene	9.59		"	10.0		95.9	77-138				
Tetrachloroethylene	6.72		"	10.0		67.2	82-131	Low Bias			
Toluene	10.2		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	9.83		"	10.0		98.3	80-132				
Trichloroethylene	9.93		"	10.0		99.3	82-128				
Vinyl Chloride	10.5		"	10.0		105	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.96*		*"*	*10.0*		*99.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.61*		*"*	*10.0*		*96.1*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11126 - EPA 5030B											
LCS Dup (BH11126-BSD1)								Prepared & Analyzed: 08/20/2021			
1,1,1-Trichloroethane	9.62		ug/L	10.0		96.2	78-136		2.67	30	
1,1-Dichloroethane	9.54		"	10.0		95.4	82-129		2.18	30	
1,1-Dichloroethylene	9.17		"	10.0		91.7	68-138		4.16	30	
1,2,4-Trimethylbenzene	9.62		"	10.0		96.2	82-132		3.27	30	
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123		1.76	30	
1,2-Dichloroethane	10.2		"	10.0		102	73-132		1.74	30	
1,3,5-Trimethylbenzene	9.48		"	10.0		94.8	80-131		3.83	30	
1,3-Dichlorobenzene	9.71		"	10.0		97.1	86-122		3.54	30	
1,4-Dichlorobenzene	9.73		"	10.0		97.3	85-124		3.14	30	
1,4-Dioxane	348		"	210		166	10-349		1.41	30	
2-Butanone	11.4		"	10.0		114	49-152		20.9	30	
Acetone	7.84		"	10.0		78.4	14-150		11.5	30	
Benzene	9.99		"	10.0		99.9	85-126		2.67	30	
Carbon tetrachloride	9.59		"	10.0		95.9	77-141		3.38	30	
Chlorobenzene	10.2		"	10.0		102	88-120		2.98	30	
Chloroform	9.79		"	10.0		97.9	82-128		2.52	30	
cis-1,2-Dichloroethylene	9.62		"	10.0		96.2	83-129		2.97	30	
Ethyl Benzene	9.91		"	10.0		99.1	80-131		5.59	30	
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	76-135		5.36	30	
Methylene chloride	9.72		"	10.0		97.2	55-137		0.206	30	
Naphthalene	10.6		"	10.0		106	70-147		6.25	30	
n-Butylbenzene	9.87		"	10.0		98.7	79-132		2.50	30	
n-Propylbenzene	9.46		"	10.0		94.6	78-133		4.95	30	
o-Xylene	9.97		"	10.0		99.7	78-130		4.03	30	
p- & m- Xylenes	20.0		"	20.0		99.8	77-133		4.60	30	
sec-Butylbenzene	9.74		"	10.0		97.4	79-137		3.33	30	
tert-Butylbenzene	9.11		"	10.0		91.1	77-138		5.13	30	
Tetrachloroethylene	6.47		"	10.0		64.7	82-131	Low Bias	3.79	30	
Toluene	9.82		"	10.0		98.2	80-127		4.19	30	
trans-1,2-Dichloroethylene	9.54		"	10.0		95.4	80-132		2.99	30	
Trichloroethylene	9.39		"	10.0		93.9	82-128		5.59	30	
Vinyl Chloride	10.3		"	10.0		103	58-145		1.73	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.75*		*"*	*10.0*		*97.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.49*		*"*	*10.0*		*94.9*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11214 - EPA 5035A											
Blank (BH11214-BLK1)											
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Benzene	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroform	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
sec-Butylbenzene	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.9*		*ug/L*	*50.0*		*110*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.9*		*"*	*50.0*		*106*	*76-130*				

Prepared & Analyzed: 08/23/2021

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11214 - EPA 5035A											
Blank (BH11214-BLK2)											
Prepared & Analyzed: 08/23/2021											
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
Acetone	ND	1.0	"								
Benzene	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroform	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
sec-Butylbenzene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*57.3*		*ug/L*	*50.0*		*115*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.3*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11214 - EPA 5035A											
LCS (BH11214-BS1)								Prepared & Analyzed: 08/23/2021			
1,1,1-Trichloroethane	46.4		ug/L	50.0		92.8	71-137				
1,1-Dichloroethane	47.1		"	50.0		94.3	75-130				
1,1-Dichloroethylene	34.9		"	50.0		69.9	64-137				
1,2,4-Trimethylbenzene	48.8		"	50.0		97.6	84-125				
1,2-Dichlorobenzene	49.1		"	50.0		98.2	85-122				
1,2-Dichloroethane	55.3		"	50.0		111	71-133				
1,3,5-Trimethylbenzene	47.3		"	50.0		94.7	82-126				
1,3-Dichlorobenzene	49.2		"	50.0		98.5	84-124				
1,4-Dichlorobenzene	50.0		"	50.0		99.9	84-124				
1,4-Dioxane	886		"	1050		84.3	10-228				
2-Butanone	44.9		"	50.0		89.7	58-147				
Acetone	23.0		"	50.0		46.0	36-155				
Benzene	47.1		"	50.0		94.2	77-127				
Carbon tetrachloride	45.6		"	50.0		91.3	66-143				
Chlorobenzene	45.5		"	50.0		90.9	86-120				
Chloroform	49.9		"	50.0		99.9	76-131				
cis-1,2-Dichloroethylene	48.4		"	50.0		96.7	74-132				
Ethyl Benzene	47.1		"	50.0		94.3	84-125				
Methyl tert-butyl ether (MTBE)	50.0		"	50.0		100	74-131				
Methylene chloride	44.2		"	50.0		88.3	57-141				
Naphthalene	57.6		"	50.0		115	86-141				
n-Butylbenzene	47.5		"	50.0		95.1	80-130				
n-Propylbenzene	46.5		"	50.0		93.0	74-136				
o-Xylene	48.4		"	50.0		96.8	83-123				
p- & m- Xylenes	95.1		"	100		95.1	82-128				
sec-Butylbenzene	47.7		"	50.0		95.3	83-125				
tert-Butylbenzene	41.2		"	50.0		82.4	80-127				
Tetrachloroethylene	37.1		"	50.0		74.2	80-129	Low Bias			
Toluene	45.6		"	50.0		91.3	85-121				
trans-1,2-Dichloroethylene	46.9		"	50.0		93.7	72-132				
Trichloroethylene	45.0		"	50.0		89.9	84-123				
Vinyl Chloride	39.6		"	50.0		79.2	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*56.9*		*"*	*50.0*		*114*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.6*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11214 - EPA 5035A											
LCS Dup (BH11214-BSD1)								Prepared & Analyzed: 08/23/2021			
1,1,1-Trichloroethane	45.1		ug/L	50.0		90.2	71-137		2.75	30	
1,1-Dichloroethane	45.8		"	50.0		91.5	75-130		2.95	30	
1,1-Dichloroethylene	38.0		"	50.0		75.9	64-137		8.26	30	
1,2,4-Trimethylbenzene	48.9		"	50.0		97.8	84-125		0.164	30	
1,2-Dichlorobenzene	49.3		"	50.0		98.6	85-122		0.386	30	
1,2-Dichloroethane	50.8		"	50.0		102	71-133		8.40	30	
1,3,5-Trimethylbenzene	48.0		"	50.0		95.9	82-126		1.30	30	
1,3-Dichlorobenzene	48.8		"	50.0		97.7	84-124		0.856	30	
1,4-Dichlorobenzene	49.0		"	50.0		97.9	84-124		2.00	30	
1,4-Dioxane	885		"	1050		84.3	10-228		0.00226	30	
2-Butanone	43.3		"	50.0		86.7	58-147		3.49	30	
Acetone	25.7		"	50.0		51.4	36-155		11.0	30	
Benzene	45.2		"	50.0		90.5	77-127		3.99	30	
Carbon tetrachloride	44.0		"	50.0		88.0	66-143		3.61	30	
Chlorobenzene	45.7		"	50.0		91.4	86-120		0.526	30	
Chloroform	48.2		"	50.0		96.4	76-131		3.53	30	
cis-1,2-Dichloroethylene	46.3		"	50.0		92.6	74-132		4.29	30	
Ethyl Benzene	47.7		"	50.0		95.3	84-125		1.10	30	
Methyl tert-butyl ether (MTBE)	47.4		"	50.0		94.7	74-131		5.54	30	
Methylene chloride	42.0		"	50.0		84.1	57-141		4.90	30	
Naphthalene	54.6		"	50.0		109	86-141		5.35	30	
n-Butylbenzene	47.2		"	50.0		94.4	80-130		0.718	30	
n-Propylbenzene	47.2		"	50.0		94.4	74-136		1.47	30	
o-Xylene	48.5		"	50.0		97.0	83-123		0.227	30	
p- & m- Xylenes	95.8		"	100		95.8	82-128		0.733	30	
sec-Butylbenzene	48.4		"	50.0		96.8	83-125		1.54	30	
tert-Butylbenzene	41.0		"	50.0		82.1	80-127		0.316	30	
Tetrachloroethylene	38.0		"	50.0		76.0	80-129	Low Bias	2.45	30	
Toluene	45.3		"	50.0		90.6	85-121		0.748	30	
trans-1,2-Dichloroethylene	45.7		"	50.0		91.4	72-132		2.53	30	
Trichloroethylene	46.5		"	50.0		93.0	84-123		3.39	30	
Vinyl Chloride	38.8		"	50.0		77.7	52-130		1.94	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.0*		*"*	*50.0*		*108*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.1*		*"*	*50.0*		*98.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11214 - EPA 5035A											
Matrix Spike (BH11214-MS1)	*Source sample: 21H0930-01 (Matrix Spike)						Prepared & Analyzed: 08/23/2021				
1,1,1-Trichloroethane	30.0		ug/L	50.0	0.00	60.1	42-145				
1,1-Dichloroethane	34.1		"	50.0	0.00	68.2	46-142				
1,1-Dichloroethylene	23.1		"	50.0	0.00	46.2	30-153				
1,2,4-Trimethylbenzene	18.6		"	50.0	0.00	37.1	10-170				
1,2-Dichlorobenzene	19.0		"	50.0	0.00	37.9	10-147				
1,2-Dichloroethane	35.2		"	50.0	0.00	70.5	48-133				
1,3,5-Trimethylbenzene	18.3		"	50.0	0.00	36.6	10-150				
1,3-Dichlorobenzene	17.2		"	50.0	0.00	34.5	10-144				
1,4-Dichlorobenzene	17.8		"	50.0	0.00	35.6	10-160				
1,4-Dioxane	771		"	1050	0.00	73.4	10-191				
2-Butanone	29.0		"	50.0	0.00	58.0	10-189				
Acetone	18.6		"	50.0	0.00	37.2	10-196				
Benzene	30.5		"	50.0	0.00	61.0	43-139				
Carbon tetrachloride	24.5		"	50.0	0.00	49.0	35-145				
Chlorobenzene	22.9		"	50.0	0.00	45.7	21-154				
Chloroform	34.8		"	50.0	0.00	69.7	47-142				
cis-1,2-Dichloroethylene	29.4		"	50.0	0.00	58.7	42-144				
Ethyl Benzene	22.2		"	50.0	0.00	44.5	11-158				
Methyl tert-butyl ether (MTBE)	40.8		"	50.0	0.00	81.6	42-152				
Methylene chloride	31.7		"	50.0	3.46	56.5	28-151				
Naphthalene	16.2		"	50.0	0.00	32.5	10-158				
n-Butylbenzene	10.1		"	50.0	0.00	20.1	10-162				
n-Propylbenzene	17.6		"	50.0	0.00	35.1	10-155				
o-Xylene	23.3		"	50.0	0.00	46.7	10-158				
p- & m- Xylenes	42.3		"	100	0.00	42.3	10-156				
sec-Butylbenzene	14.2		"	50.0	0.00	28.4	10-157				
tert-Butylbenzene	15.2		"	50.0	0.00	30.4	10-160				
Tetrachloroethylene	16.6		"	50.0	0.00	33.3	30-167				
Toluene	26.7		"	50.0	0.00	53.5	21-160				
trans-1,2-Dichloroethylene	25.5		"	50.0	0.00	51.0	29-153				
Trichloroethylene	27.9		"	50.0	0.00	55.8	24-169				
Vinyl Chloride	25.0		"	50.0	0.00	50.0	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.3*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*57.5*		*"*	*50.0*		*115*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11214 - EPA 5035A											
Matrix Spike Dup (BH11214-MSD1)	*Source sample: 21H0930-01 (Matrix Spike Dup)								Prepared & Analyzed: 08/23/2021		
1,1,1-Trichloroethane	30.1		ug/L	50.0	0.00	60.2	42-145		0.166	30	
1,1-Dichloroethane	34.1		"	50.0	0.00	68.2	46-142		0.0293	36	
1,1-Dichloroethylene	24.2		"	50.0	0.00	48.4	30-153		4.82	31	
1,2,4-Trimethylbenzene	18.2		"	50.0	0.00	36.4	10-170		1.96	242	
1,2-Dichlorobenzene	17.6		"	50.0	0.00	35.1	10-147		7.78	52	
1,2-Dichloroethane	32.0		"	50.0	0.00	64.1	48-133		9.52	32	
1,3,5-Trimethylbenzene	18.3		"	50.0	0.00	36.5	10-150		0.219	62	
1,3-Dichlorobenzene	17.1		"	50.0	0.00	34.2	10-144		0.757	51	
1,4-Dichlorobenzene	16.5		"	50.0	0.00	33.1	10-160		7.40	52	
1,4-Dioxane	732		"	1050	0.00	69.7	10-191		5.13	196	
2-Butanone	25.3		"	50.0	0.00	50.7	10-189		13.4	67	
Acetone	16.1		"	50.0	0.00	32.2	10-196		14.5	150	
Benzene	29.8		"	50.0	0.00	59.5	43-139		2.42	64	
Carbon tetrachloride	24.0		"	50.0	0.00	47.9	35-145		2.27	31	
Chlorobenzene	21.3		"	50.0	0.00	42.6	21-154		7.11	32	
Chloroform	33.5		"	50.0	0.00	67.0	47-142		3.89	29	
cis-1,2-Dichloroethylene	28.3		"	50.0	0.00	56.7	42-144		3.60	30	
Ethyl Benzene	21.3		"	50.0	0.00	42.5	11-158		4.41	42	
Methyl tert-butyl ether (MTBE)	38.2		"	50.0	0.00	76.3	42-152		6.71	47	
Methylene chloride	30.7		"	50.0	3.46	54.4	28-151		3.34	49	
Naphthalene	13.5		"	50.0	0.00	26.9	10-158		18.6	95	
n-Butylbenzene	9.85		"	50.0	0.00	19.7	10-162		2.11	96	
n-Propylbenzene	18.1		"	50.0	0.00	36.2	10-155		3.08	56	
o-Xylene	21.6		"	50.0	0.00	43.2	10-158		7.74	51	
p- & m- Xylenes	40.8		"	100	0.00	40.8	10-156		3.51	47	
sec-Butylbenzene	13.8		"	50.0	0.00	27.6	10-157		2.79	56	
tert-Butylbenzene	14.9		"	50.0	0.00	29.8	10-160		2.00	79	
Tetrachloroethylene	16.2		"	50.0	0.00	32.4	30-167		2.68	33	
Toluene	26.2		"	50.0	0.00	52.3	21-160		2.16	50	
trans-1,2-Dichloroethylene	25.2		"	50.0	0.00	50.4	29-153		1.26	30	
Trichloroethylene	27.6		"	50.0	0.00	55.2	24-169		1.12	30	
Vinyl Chloride	25.7		"	50.0	0.00	51.3	12-160		2.65	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*60.4*		*"*	*50.0*		*121*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11216 - EPA 5030B											
Blank (BH11216-BLK1)											
1,1,1-Trichloroethane	ND	0.500	ug/L								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroform	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
sec-Butylbenzene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.85*		*"*	*10.0*		*98.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.88*		*"*	*10.0*		*98.8*	*79-122*				

Prepared & Analyzed: 08/23/2021

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11216 - EPA 5030B											
LCS (BH11216-BS1)								Prepared & Analyzed: 08/23/2021			
1,1,1-Trichloroethane	9.95		ug/L	10.0		99.5	78-136				
1,1-Dichloroethane	9.58		"	10.0		95.8	82-129				
1,1-Dichloroethylene	9.81		"	10.0		98.1	68-138				
1,2,4-Trimethylbenzene	9.30		"	10.0		93.0	82-132				
1,2-Dichlorobenzene	9.47		"	10.0		94.7	79-123				
1,2-Dichloroethane	9.88		"	10.0		98.8	73-132				
1,3,5-Trimethylbenzene	9.15		"	10.0		91.5	80-131				
1,3-Dichlorobenzene	9.42		"	10.0		94.2	86-122				
1,4-Dichlorobenzene	9.87		"	10.0		98.7	85-124				
1,4-Dioxane	179		"	210		85.3	10-349				
2-Butanone	8.72		"	10.0		87.2	49-152				
Acetone	6.12		"	10.0		61.2	14-150				
Benzene	9.64		"	10.0		96.4	85-126				
Carbon tetrachloride	10.6		"	10.0		106	77-141				
Chlorobenzene	10.0		"	10.0		100	88-120				
Chloroform	9.73		"	10.0		97.3	82-128				
cis-1,2-Dichloroethylene	9.77		"	10.0		97.7	83-129				
Ethyl Benzene	9.67		"	10.0		96.7	80-131				
Methyl tert-butyl ether (MTBE)	8.93		"	10.0		89.3	76-135				
Methylene chloride	9.66		"	10.0		96.6	55-137				
Naphthalene	9.36		"	10.0		93.6	70-147				
n-Butylbenzene	8.88		"	10.0		88.8	79-132				
n-Propylbenzene	9.38		"	10.0		93.8	78-133				
o-Xylene	9.72		"	10.0		97.2	78-130				
p- & m- Xylenes	19.6		"	20.0		98.0	77-133				
sec-Butylbenzene	9.42		"	10.0		94.2	79-137				
tert-Butylbenzene	9.47		"	10.0		94.7	77-138				
Tetrachloroethylene	5.34		"	10.0		53.4	82-131	Low Bias			
Toluene	9.08		"	10.0		90.8	80-127				
trans-1,2-Dichloroethylene	9.79		"	10.0		97.9	80-132				
Trichloroethylene	8.32		"	10.0		83.2	82-128				
Vinyl Chloride	11.4		"	10.0		114	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.45*		*"*	*10.0*		*94.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.68*		*"*	*10.0*		*96.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11216 - EPA 5030B											
LCS Dup (BH11216-BSD1)								Prepared & Analyzed: 08/23/2021			
1,1,1-Trichloroethane	9.15		ug/L	10.0		91.5	78-136		8.38	30	
1,1-Dichloroethane	8.96		"	10.0		89.6	82-129		6.69	30	
1,1-Dichloroethylene	8.86		"	10.0		88.6	68-138		10.2	30	
1,2,4-Trimethylbenzene	9.12		"	10.0		91.2	82-132		1.95	30	
1,2-Dichlorobenzene	9.20		"	10.0		92.0	79-123		2.89	30	
1,2-Dichloroethane	9.27		"	10.0		92.7	73-132		6.37	30	
1,3,5-Trimethylbenzene	9.03		"	10.0		90.3	80-131		1.32	30	
1,3-Dichlorobenzene	9.21		"	10.0		92.1	86-122		2.25	30	
1,4-Dichlorobenzene	9.63		"	10.0		96.3	85-124		2.46	30	
1,4-Dioxane	194		"	210		92.3	10-349		7.80	30	
2-Butanone	8.71		"	10.0		87.1	49-152		0.115	30	
Acetone	5.83		"	10.0		58.3	14-150		4.85	30	
Benzene	9.19		"	10.0		91.9	85-126		4.78	30	
Carbon tetrachloride	9.63		"	10.0		96.3	77-141		9.59	30	
Chlorobenzene	9.62		"	10.0		96.2	88-120		3.97	30	
Chloroform	9.18		"	10.0		91.8	82-128		5.82	30	
cis-1,2-Dichloroethylene	8.97		"	10.0		89.7	83-129		8.54	30	
Ethyl Benzene	9.24		"	10.0		92.4	80-131		4.55	30	
Methyl tert-butyl ether (MTBE)	8.81		"	10.0		88.1	76-135		1.35	30	
Methylene chloride	9.08		"	10.0		90.8	55-137		6.19	30	
Naphthalene	9.13		"	10.0		91.3	70-147		2.49	30	
n-Butylbenzene	8.80		"	10.0		88.0	79-132		0.905	30	
n-Propylbenzene	9.16		"	10.0		91.6	78-133		2.37	30	
o-Xylene	9.32		"	10.0		93.2	78-130		4.20	30	
p- & m- Xylenes	18.8		"	20.0		94.2	77-133		4.01	30	
sec-Butylbenzene	9.18		"	10.0		91.8	79-137		2.58	30	
tert-Butylbenzene	9.27		"	10.0		92.7	77-138		2.13	30	
Tetrachloroethylene	5.23		"	10.0		52.3	82-131	Low Bias	2.08	30	
Toluene	9.09		"	10.0		90.9	80-127		0.110	30	
trans-1,2-Dichloroethylene	9.04		"	10.0		90.4	80-132		7.97	30	
Trichloroethylene	8.62		"	10.0		86.2	82-128		3.54	30	
Vinyl Chloride	9.49		"	10.0		94.9	58-145		17.9	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.85*		*"*	*10.0*		*98.5*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11299 - EPA 5035A											
Blank (BH11299-BLK1)											Prepared & Analyzed: 08/24/2021
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Benzene	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroform	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
sec-Butylbenzene	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*56.8*		*ug/L*	*50.0*		*114*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.0*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11299 - EPA 5035A											
Blank (BH11299-BLK2)											Prepared & Analyzed: 08/24/2021
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
Acetone	ND	1.0	"								
Benzene	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroform	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	1.3	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
sec-Butylbenzene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*56.9*		*ug/L*	*50.0*		*114*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11299 - EPA 5035A											
LCS (BH11299-BS1)							Prepared & Analyzed: 08/24/2021				
1,1,1-Trichloroethane	55.9		ug/L	50.0		112	71-137				
1,1-Dichloroethane	48.9		"	50.0		97.7	75-130				
1,1-Dichloroethylene	59.0		"	50.0		118	64-137				
1,2,4-Trimethylbenzene	55.8		"	50.0		112	84-125				
1,2-Dichlorobenzene	52.1		"	50.0		104	85-122				
1,2-Dichloroethane	55.5		"	50.0		111	71-133				
1,3,5-Trimethylbenzene	56.0		"	50.0		112	82-126				
1,3-Dichlorobenzene	54.7		"	50.0		109	84-124				
1,4-Dichlorobenzene	55.2		"	50.0		110	84-124				
1,4-Dioxane	954		"	1050		90.9	10-228				
2-Butanone	43.7		"	50.0		87.4	58-147				
Acetone	30.8		"	50.0		61.6	36-155				
Benzene	52.4		"	50.0		105	77-127				
Carbon tetrachloride	59.6		"	50.0		119	66-143				
Chlorobenzene	51.8		"	50.0		104	86-120				
Chloroform	51.0		"	50.0		102	76-131				
cis-1,2-Dichloroethylene	51.3		"	50.0		103	74-132				
Ethyl Benzene	55.0		"	50.0		110	84-125				
Methyl tert-butyl ether (MTBE)	49.8		"	50.0		99.7	74-131				
Methylene chloride	58.4		"	50.0		117	57-141				
Naphthalene	55.4		"	50.0		111	86-141				
n-Butylbenzene	54.7		"	50.0		109	80-130				
n-Propylbenzene	52.2		"	50.0		104	74-136				
o-Xylene	55.5		"	50.0		111	83-123				
p- & m- Xylenes	113		"	100		113	82-128				
sec-Butylbenzene	56.2		"	50.0		112	83-125				
tert-Butylbenzene	53.1		"	50.0		106	80-127				
Tetrachloroethylene	42.4		"	50.0		84.7	80-129				
Toluene	54.5		"	50.0		109	85-121				
trans-1,2-Dichloroethylene	59.2		"	50.0		118	72-132				
Trichloroethylene	54.1		"	50.0		108	84-123				
Vinyl Chloride	48.9		"	50.0		97.7	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*56.3*		*"*	*50.0*		*113*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.3*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.6*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11299 - EPA 5035A											
LCS Dup (BH11299-BSD1)							Prepared & Analyzed: 08/24/2021				
1,1,1-Trichloroethane	56.0		ug/L	50.0		112	71-137		0.143	30	
1,1-Dichloroethane	48.4		"	50.0		96.9	75-130		0.884	30	
1,1-Dichloroethylene	58.3		"	50.0		117	64-137		1.11	30	
1,2,4-Trimethylbenzene	54.0		"	50.0		108	84-125		3.33	30	
1,2-Dichlorobenzene	52.2		"	50.0		104	85-122		0.230	30	
1,2-Dichloroethane	55.4		"	50.0		111	71-133		0.144	30	
1,3,5-Trimethylbenzene	54.1		"	50.0		108	82-126		3.51	30	
1,3-Dichlorobenzene	53.2		"	50.0		106	84-124		2.82	30	
1,4-Dichlorobenzene	53.3		"	50.0		107	84-124		3.39	30	
1,4-Dioxane	974		"	1050		92.8	10-228		2.09	30	
2-Butanone	43.9		"	50.0		87.8	58-147		0.434	30	
Acetone	31.1		"	50.0		62.1	36-155		0.808	30	
Benzene	52.0		"	50.0		104	77-127		0.824	30	
Carbon tetrachloride	59.6		"	50.0		119	66-143		0.101	30	
Chlorobenzene	51.7		"	50.0		103	86-120		0.174	30	
Chloroform	50.8		"	50.0		102	76-131		0.393	30	
cis-1,2-Dichloroethylene	51.1		"	50.0		102	74-132		0.430	30	
Ethyl Benzene	55.0		"	50.0		110	84-125		0.00	30	
Methyl tert-butyl ether (MTBE)	49.8		"	50.0		99.7	74-131		0.00	30	
Methylene chloride	55.5		"	50.0		111	57-141		4.93	30	
Naphthalene	45.8		"	50.0		91.7	86-141		18.9	30	
n-Butylbenzene	54.1		"	50.0		108	80-130		1.19	30	
n-Propylbenzene	50.5		"	50.0		101	74-136		3.29	30	
o-Xylene	55.7		"	50.0		111	83-123		0.414	30	
p- & m- Xylenes	113		"	100		113	82-128		0.186	30	
sec-Butylbenzene	53.8		"	50.0		108	83-125		4.31	30	
tert-Butylbenzene	51.6		"	50.0		103	80-127		2.91	30	
Tetrachloroethylene	42.1		"	50.0		84.2	80-129		0.545	30	
Toluene	54.0		"	50.0		108	85-121		0.867	30	
trans-1,2-Dichloroethylene	58.4		"	50.0		117	72-132		1.21	30	
Trichloroethylene	53.9		"	50.0		108	84-123		0.426	30	
Vinyl Chloride	45.7		"	50.0		91.5	52-130		6.62	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*56.4*		*"*	*50.0*		*113*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.1*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.9*		*"*	*50.0*		*93.9*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10937 - EPA 3510C											
Blank (BH10937-BLK1)									Prepared & Analyzed: 08/18/2021		
2-Methylphenol	ND	5.00	ug/L								
3- & 4-Methylphenols	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Phenol	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*16.1*		*"*	*50.0*		*32.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*10.0*		*"*	*50.0*		*20.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.6*		*"*	*25.0*		*82.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.2*		*"*	*25.0*		*69.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*50.5*		*"*	*50.0*		*101*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*22.2*		*"*	*25.0*		*88.6*	*30.7-106*				
Blank (BH10937-BLK2)									Prepared: 08/18/2021 Analyzed: 08/23/2021		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10937 - EPA 3510C											
LCS (BH10937-BS1)									Prepared & Analyzed: 08/18/2021		
2-Methylphenol	15.3	5.00	ug/L	25.0		61.2	10-110				
3- & 4-Methylphenols	12.4	5.00	"	25.0		49.5	10-107				
Dibenzofuran	19.8	5.00	"	25.0		79.0	36-113				
Phenol	8.89	5.00	"	25.0		35.6	10-110				
Surrogate: SURR: 2-Fluorophenol	*19.3*		*"*	*50.0*		*38.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*12.1*		*"*	*50.0*		*24.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*22.7*		*"*	*25.0*		*90.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.1*		*"*	*25.0*		*76.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*50.1*		*"*	*50.0*		*100*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.6*		*"*	*25.0*		*82.4*	*30.7-106*				
LCS (BH10937-BS2)									Prepared: 08/18/2021 Analyzed: 08/23/2021		
Acenaphthene	0.770	0.0500	ug/L	1.00		77.0	25-116				
Acenaphthylene	0.810	0.0500	"	1.00		81.0	26-116				
Anthracene	0.980	0.0500	"	1.00		98.0	25-123				
Benzo(a)anthracene	0.850	0.0500	"	1.00		85.0	33-125				
Benzo(a)pyrene	0.500	0.0500	"	1.00		50.0	32-132				
Benzo(b)fluoranthene	1.00	0.0500	"	1.00		100	22-137				
Benzo(g,h,i)perylene	0.840	0.0500	"	1.00		84.0	10-138				
Benzo(k)fluoranthene	0.920	0.0500	"	1.00		92.0	20-137				
Chrysene	1.00	0.0500	"	1.00		100	32-124				
Dibenzo(a,h)anthracene	0.840	0.0500	"	1.00		84.0	16-133				
Fluoranthene	1.05	0.0500	"	1.00		105	32-121				
Fluorene	0.920	0.0500	"	1.00		92.0	28-118				
Hexachlorobenzene	0.750	0.0200	"	1.00		75.0	23-124				
Indeno(1,2,3-cd)pyrene	0.830	0.0500	"	1.00		83.0	15-135				
Naphthalene	0.820	0.0500	"	1.00		82.0	18-120				
Pentachlorophenol	0.630	0.250	"	1.00		63.0	10-156				
Phenanthrene	0.960	0.0500	"	1.00		96.0	24-127				
Pyrene	0.920	0.0500	"	1.00		92.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10937 - EPA 3510C											
LCS Dup (BH10937-BSD1)								Prepared & Analyzed: 08/18/2021			
2-Methylphenol	12.8	5.00	ug/L	25.0		51.3	10-110		17.6	20	
3- & 4-Methylphenols	10.6	5.00	"	25.0		42.2	10-107		15.8	20	
Dibenzofuran	16.2	5.00	"	25.0		65.0	36-113		19.5	20	
Phenol	6.99	5.00	"	25.0		28.0	10-110		23.9	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*15.8*		*"*	*50.0*		*31.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*10.0*		*"*	*50.0*		*20.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.1*		*"*	*25.0*		*72.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.8*		*"*	*25.0*		*63.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*44.7*		*"*	*50.0*		*89.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.1*		*"*	*25.0*		*72.5*	*30.7-106*				
Batch BH11291 - EPA 3546 SVOA											
Blank (BH11291-BLK1)								Prepared & Analyzed: 08/24/2021			
2-Methylphenol	ND	0.0416	mg/kg wet								
3- & 4-Methylphenols	ND	0.0416	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Anthracene	ND	0.0416	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.26*		*"*	*1.66*		*75.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.19*		*"*	*1.66*		*71.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.692*		*"*	*0.831*		*83.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.621*		*"*	*0.831*		*74.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.68*		*"*	*1.66*		*101*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.700*		*"*	*0.831*		*84.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11291 - EPA 3546 SVOA											
LCS (BH11291-BS1)								Prepared & Analyzed: 08/24/2021			
2-Methylphenol	0.700	0.0416	mg/kg wet	0.831		84.3	10-136				
3- & 4-Methylphenols	0.620	0.0416	"	0.831		74.6	29-103				
Acenaphthene	0.695	0.0416	"	0.831		83.7	30-121				
Acenaphthylene	0.676	0.0416	"	0.831		81.4	30-115				
Anthracene	0.735	0.0416	"	0.831		88.5	34-118				
Benzo(a)anthracene	0.749	0.0416	"	0.831		90.2	32-122				
Benzo(a)pyrene	0.797	0.0416	"	0.831		96.0	29-133				
Benzo(b)fluoranthene	0.755	0.0416	"	0.831		91.0	25-133				
Benzo(g,h,i)perylene	0.849	0.0416	"	0.831		102	10-143				
Benzo(k)fluoranthene	0.767	0.0416	"	0.831		92.3	25-128				
Chrysene	0.731	0.0416	"	0.831		88.0	32-123				
Dibenzo(a,h)anthracene	0.934	0.0416	"	0.831		112	10-136				
Dibenzofuran	0.685	0.0416	"	0.831		82.5	29-121				
Fluoranthene	0.709	0.0416	"	0.831		85.3	33-122				
Fluorene	0.682	0.0416	"	0.831		82.1	29-123				
Hexachlorobenzene	0.639	0.0416	"	0.831		76.9	21-124				
Indeno(1,2,3-cd)pyrene	0.859	0.0416	"	0.831		103	10-135				
Naphthalene	0.720	0.0416	"	0.831		86.7	23-124				
Pentachlorophenol	0.845	0.0416	"	0.831		102	10-139				
Phenanthrene	0.677	0.0416	"	0.831		81.5	33-123				
Phenol	0.742	0.0416	"	0.831		89.3	23-115				
Pyrene	0.750	0.0416	"	0.831		90.3	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.39*		*"*	*1.66*		*83.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.34*		*"*	*1.66*		*80.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.739*		*"*	*0.831*		*89.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.703*		*"*	*0.831*		*84.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.96*		*"*	*1.66*		*118*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.810*		*"*	*0.831*		*97.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11291 - EPA 3546 SVOA											
Matrix Spike (BH11291-MS1)	*Source sample: 21H1080-01 (Matrix Spike)							Prepared: 08/24/2021 Analyzed: 08/25/2021			
2-Methylphenol	0.581	0.428	mg/kg dry	0.855	ND	68.0	10-136				
3- & 4-Methylphenols	0.527	0.428	"	0.855	ND	61.6	10-123				
Acenaphthene	1.62	0.428	"	0.855	ND	190	10-146	High Bias			
Acenaphthylene	1.09	0.428	"	0.855	ND	128	10-134				
Anthracene	8.11	0.428	"	0.855	0.380	905	10-142	High Bias			
Benzo(a)anthracene	0.732	0.428	"	0.855	ND	85.6	10-158				
Benzo(a)pyrene	0.718	0.428	"	0.855	ND	84.0	10-180				
Benzo(b)fluoranthene	0.701	0.428	"	0.855	ND	82.0	10-200				
Benzo(g,h,i)perylene	0.769	0.428	"	0.855	ND	90.0	10-138				
Benzo(k)fluoranthene	0.694	0.428	"	0.855	ND	81.2	10-197				
Chrysene	0.763	0.428	"	0.855	ND	89.2	10-156				
Dibenzo(a,h)anthracene	0.800	0.428	"	0.855	ND	93.6	10-137				
Dibenzofuran	1.77	0.428	"	0.855	ND	207	10-147	High Bias			
Fluoranthene	1.80	0.428	"	0.855	0.608	139	10-160				
Fluorene	2.54	0.428	"	0.855	ND	297	10-157	High Bias			
Hexachlorobenzene	0.910	0.428	"	0.855	ND	106	10-137				
Indeno(1,2,3-cd)pyrene	0.561	0.428	"	0.855	ND	65.6	10-144				
Naphthalene	0.906	0.428	"	0.855	ND	106	10-141				
Pentachlorophenol	0.643	0.428	"	0.855	ND	75.2	10-153				
Phenanthrene	7.69	0.428	"	0.855	9.41	NR	10-148	Low Bias			
Phenol	0.588	0.428	"	0.855	ND	68.8	10-126				
Pyrene	1.70	0.428	"	0.855	1.30	46.1	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.04*		"	*1.71*		*60.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.04*		"	*1.71*		*60.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.739*		"	*0.855*		*86.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.722*		"	*0.855*		*84.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.80*		"	*1.71*		*105*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.694*		"	*0.855*		*81.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11291 - EPA 3546 SVOA											
Matrix Spike Dup (BH11291-MSD1)	*Source sample: 21H1080-01 (Matrix Spike Dup)								Prepared: 08/24/2021 Analyzed: 08/25/2021		
2-Methylphenol	0.738	0.429	mg/kg dry	0.858	ND	86.0	10-136		23.7	30	
3- & 4-Methylphenols	0.672	0.429	"	0.858	ND	78.4	10-123		24.3	30	
Acenaphthene	1.61	0.429	"	0.858	ND	187	10-146	High Bias	0.946	30	
Acenaphthylene	1.14	0.429	"	0.858	ND	133	10-134		4.62	30	
Anthracene	7.67	0.429	"	0.858	0.380	850	10-142	High Bias	5.66	30	
Benzo(a)anthracene	0.844	0.429	"	0.858	ND	98.4	10-158		14.2	30	
Benzo(a)pyrene	0.854	0.429	"	0.858	ND	99.6	10-180		17.3	30	
Benzo(b)fluoranthene	0.868	0.429	"	0.858	ND	101	10-200		21.3	30	
Benzo(g,h,i)perylene	0.902	0.429	"	0.858	ND	105	10-138		15.9	30	
Benzo(k)fluoranthene	0.823	0.429	"	0.858	ND	96.0	10-197		17.0	30	
Chrysene	0.865	0.429	"	0.858	ND	101	10-156		12.5	30	
Dibenzo(a,h)anthracene	0.995	0.429	"	0.858	ND	116	10-137		21.7	30	
Dibenzofuran	1.82	0.429	"	0.858	ND	212	10-147	High Bias	3.00	30	
Fluoranthene	1.21	0.429	"	0.858	0.608	70.7	10-160		38.8	30	Non-dir.
Fluorene	2.54	0.429	"	0.858	ND	296	10-157	High Bias	0.211	30	
Hexachlorobenzene	0.906	0.429	"	0.858	ND	106	10-137		0.426	30	
Indeno(1,2,3-cd)pyrene	1.16	0.429	"	0.858	ND	135	10-144		69.4	30	Non-dir.
Naphthalene	1.03	0.429	"	0.858	ND	120	10-141		13.0	30	
Pentachlorophenol	0.655	0.429	"	0.858	ND	76.4	10-153		1.91	30	
Phenanthrene	7.26	0.429	"	0.858	9.41	NR	10-148	Low Bias	5.67	30	
Phenol	0.741	0.429	"	0.858	ND	86.4	10-126		23.0	30	
Pyrene	1.69	0.429	"	0.858	1.30	45.0	10-165		0.481	30	
Surrogate: SURR: 2-Fluorophenol	*1.34*		"	*1.72*		*78.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.35*		"	*1.72*		*78.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.875*		"	*0.858*		*102*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.834*		"	*0.858*		*97.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.15*		"	*1.72*		*125*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.841*		"	*0.858*		*98.0*	*24-116*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11232 - EPA 3546 PPCB											
Blank (BH11232-BLK1)								Prepared: 08/23/2021 Analyzed: 08/24/2021			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0721*		"	*0.0664*		*108*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0588*		"	*0.0664*		*88.5*	*30-120*				
LCS (BH11232-BS1)								Prepared: 08/23/2021 Analyzed: 08/24/2021			
Aroclor 1016	0.323	0.0166	mg/kg wet	0.332		97.2	40-130				
Aroclor 1260	0.354	0.0166	"	0.332		107	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0651*		"	*0.0664*		*98.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0502*		"	*0.0664*		*75.5*	*30-120*				
Matrix Spike (BH11232-MS1)	*Source sample: 21H0801-04 (Matrix Spike)							Prepared: 08/23/2021 Analyzed: 08/24/2021			
Aroclor 1016	0.274	0.0192	mg/kg dry	0.384	ND	71.4	40-140				
Aroclor 1260	0.305	0.0192	"	0.384	ND	79.5	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0614*		"	*0.0768*		*80.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0349*		"	*0.0768*		*45.5*	*30-120*				
Matrix Spike Dup (BH11232-MSD1)	*Source sample: 21H0801-04 (Matrix Spike Dup)							Prepared: 08/23/2021 Analyzed: 08/24/2021			
Aroclor 1016	0.183	0.0192	mg/kg dry	0.384	ND	47.8	40-140		39.6	50	
Aroclor 1260	0.212	0.0192	"	0.384	ND	55.2	40-140		36.1	50	
Surrogate: Tetrachloro-m-xylene	*0.0526*		"	*0.0768*		*68.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0280*		"	*0.0768*		*36.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y1H2442 - BH11235											
Aroclor Reference (Y1H2442-ARC1)								Prepared & Analyzed: 08/24/2021			
Surrogate: Tetrachloro-m-xylene	*0.182*		*ug/mL*	*0.200*		*91.0*					
Surrogate: Decachlorobiphenyl	*0.166*		*"*	*0.200*		*83.0*					
Batch Y1H2443 - BH10786											
Aroclor Reference (Y1H2443-ARC1)								Prepared & Analyzed: 08/24/2021			
Surrogate: Tetrachloro-m-xylene	*0.198*		*ug/mL*	*0.200*		*99.0*					
Surrogate: Decachlorobiphenyl	*0.183*		*"*	*0.200*		*91.5*					

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11141 - EPA 3050B											
Blank (BH11141-BLK1)									Prepared: 08/20/2021 Analyzed: 08/24/2021		
Arsenic	ND	1.50	mg/kg wet								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Chromium	ND	0.500	"								
Copper	ND	2.00	"								
Lead	ND	0.500	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Zinc	ND	2.50	"								
Duplicate (BH11141-DUP1)	*Source sample: 21H0839-03 (Duplicate)								Prepared: 08/20/2021 Analyzed: 08/24/2021		
Arsenic	6.17	1.53	mg/kg dry		6.20				0.493	35	
Barium	55.8	2.56	"		56.6				1.40	35	
Beryllium	ND	0.051	"		ND					35	
Cadmium	ND	0.307	"		ND					35	
Chromium	18.6	0.512	"		19.6				5.46	35	
Copper	19.8	2.05	"		20.2				2.14	35	
Lead	6.50	0.512	"		6.33				2.63	35	
Manganese	223	0.512	"		228				2.57	35	
Nickel	11.4	1.02	"		12.0				5.01	35	
Selenium	7.84	2.56	"		8.41				7.05	35	
Silver	ND	0.512	"		ND					35	
Zinc	36.7	2.56	"		38.2				4.01	35	
Matrix Spike (BH11141-MS1)	*Source sample: 21H0839-03 (Matrix Spike)								Prepared: 08/20/2021 Analyzed: 08/24/2021		
Arsenic	216	1.53	mg/kg dry	205	6.20	103	75-125				
Barium	265	2.56	"	205	56.6	102	75-125				
Beryllium	4.40	0.051	"	5.12	ND	85.9	75-125				
Cadmium	5.04	0.307	"	5.12	ND	98.5	75-125				
Chromium	37.9	0.512	"	20.5	19.6	89.5	75-125				
Copper	53.5	2.05	"	25.6	20.2	130	75-125	High Bias			
Lead	57.0	0.512	"	51.2	6.33	99.0	75-125				
Manganese	277	0.512	"	51.2	228	95.1	75-125				
Nickel	65.5	1.02	"	51.2	12.0	105	75-125				
Selenium	190	2.56	"	205	8.41	88.6	75-125				
Silver	5.29	0.512	"	5.12	ND	103	75-125				
Zinc	86.6	2.56	"	51.2	38.2	94.6	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11141 - EPA 3050B											
Post Spike (BH11141-PS1)	*Source sample: 21H0839-03 (Post Spike)							Prepared: 08/20/2021 Analyzed: 08/24/2021			
Arsenic	2.09		ug/mL	2.00	0.061	102	75-125				
Barium	2.59		"	2.00	0.553	102	75-125				
Beryllium	0.043		"	0.0500	-0.007	85.7	75-125				
Cadmium	0.048		"	0.0500	0.002	92.2	75-125				
Chromium	0.388		"	0.200	0.192	98.2	75-125				
Copper	0.464		"	0.250	0.198	107	75-125				
Lead	0.542		"	0.500	0.062	96.1	75-125				
Manganese	2.82		"	0.500	2.23	117	75-125				
Nickel	0.639		"	0.500	0.117	104	75-125				
Selenium	1.83		"	2.00	0.082	87.3	75-125				
Silver	0.049		"	0.0500	-0.005	98.8	75-125				
Zinc	0.836		"	0.500	0.374	92.4	75-125				
Reference (BH11141-SRM1)								Prepared: 08/20/2021 Analyzed: 08/24/2021			
Arsenic	168	1.50	mg/kg wet	156		108	69.9-130.1				
Barium	262	2.50	"	239		110	74.9-124.7				
Beryllium	188	0.050	"	169		111	75.1-125.4				
Cadmium	146	0.300	"	137		106	75.2-124.8				
Chromium	162	0.500	"	154		105	70.1-129.9				
Copper	62.1	2.00	"	54.9		113	74.9-125				
Lead	134	0.500	"	130		103	71.8-128.5				
Manganese	288	0.500	"	269		107	74-126.4				
Nickel	71.4	1.00	"	53.9		132	69.9-129.9	High Bias			
Selenium	139	2.50	"	167		83.1	67.7-132.3				
Silver	33.7	0.500	"	33.6		100	68.5-131.3				
Zinc	169	2.50	"	158		107	70.3-129.7				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10949 - EPA 3015A											
Blank (BH10949-BLK1)								Prepared & Analyzed: 08/18/2021			
Arsenic	ND	1.11	ug/L								
Barium	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Chromium	ND	1.11	"								
Copper	ND	1.11	"								
Lead	ND	1.11	"								
Manganese	ND	1.11	"								
Nickel	ND	1.11	"								
Selenium	ND	1.11	"								
Silver	ND	1.11	"								
Zinc	3.83	1.11	"								
LCS (BH10949-BS1)								Prepared & Analyzed: 08/18/2021			
Arsenic	49.9		ug/L	50.0		99.7	80-120				
Barium	52.2		"	50.0		104	80-120				
Beryllium	52.5		"	50.0		105	80-120				
Cadmium	47.8		"	50.0		95.6	80-120				
Chromium	51.0		"	50.0		102	80-120				
Copper	49.8		"	50.0		99.6	80-120				
Lead	55.2		"	50.0		110	80-120				
Manganese	51.4		"	50.0		103	80-120				
Nickel	48.6		"	50.0		97.2	80-120				
Selenium	53.4		"	50.0		107	80-120				
Silver	38.4		"	50.0		76.8	80-120	Low Bias			
Zinc	59.8		"	50.0		120	80-120				
Duplicate (BH10949-DUP1)	*Source sample: 21H0777-12 (MW-03)							Prepared & Analyzed: 08/18/2021			
Arsenic	8.35	1.11	ug/L		9.08				8.36	20	
Barium	156	1.11	"		158				1.31	20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Chromium	2.79	1.11	"		3.24				14.9	20	
Copper	6.46	1.11	"		7.20				10.8	20	
Lead	2.68	1.11	"		2.80				4.08	20	
Manganese	1100	1.11	"		1200				8.42	20	
Nickel	4.63	1.11	"		5.20				11.6	20	
Selenium	ND	1.11	"		ND					20	
Silver	ND	1.11	"		ND					20	
Zinc	22.9	1.11	"		24.3				6.08	20	

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10949 - EPA 3015A											
Matrix Spike (BH10949-MS1)	*Source sample: 21H0777-12 (MW-03)							Prepared & Analyzed: 08/18/2021			
Arsenic	59.4		ug/L	50.0	8.17	103	75-125				
Barium	196		"	50.0	143	106	75-125				
Beryllium	38.7		"	50.0	0.044	77.4	75-125				
Cadmium	48.5		"	50.0	0.080	96.8	75-125				
Chromium	54.1		"	50.0	2.91	102	75-125				
Copper	54.2		"	50.0	6.48	95.5	75-125				
Lead	51.3		"	50.0	2.52	97.5	75-125				
Manganese	995		"	50.0	1080	NR	75-125	Low Bias			
Nickel	52.4		"	50.0	4.68	95.4	75-125				
Selenium	52.8		"	50.0	-0.071	106	75-125				
Silver	37.7		"	50.0	0.023	75.4	75-125				
Zinc	77.7		"	50.0	21.9	112	75-125				
Batch BH11222 - EPA 3015A											
Blank (BH11222-BLK1)								Prepared & Analyzed: 08/23/2021			
Arsenic - Dissolved	ND	1.11	ug/L								
Barium - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Chromium - Dissolved	ND	1.11	"								
Copper - Dissolved	ND	1.11	"								
Lead - Dissolved	ND	1.11	"								
Manganese - Dissolved	ND	1.11	"								
Nickel - Dissolved	ND	1.11	"								
Selenium - Dissolved	5.86	1.11	"								
Silver - Dissolved	ND	1.11	"								
Zinc - Dissolved	ND	1.11	"								

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11222 - EPA 3015A											
LCS (BH11222-BS1)								Prepared & Analyzed: 08/23/2021			
Arsenic - Dissolved	49.8		ug/L	50.0		99.6	80-120				
Barium - Dissolved	59.7		"	50.0		119	80-120				
Beryllium - Dissolved	53.7		"	50.0		107	80-120				
Cadmium - Dissolved	47.6		"	50.0		95.1	80-120				
Chromium - Dissolved	47.8		"	50.0		95.6	80-120				
Copper - Dissolved	48.1		"	50.0		96.2	80-120				
Lead - Dissolved	55.7		"	50.0		111	80-120				
Manganese - Dissolved	48.9		"	50.0		97.8	80-120				
Nickel - Dissolved	46.4		"	50.0		92.8	80-120				
Selenium - Dissolved	52.0		"	50.0		104	80-120				
Silver - Dissolved	36.7		"	50.0		73.4	80-120	Low Bias			
Zinc - Dissolved	45.0		"	50.0		90.0	80-120				
Duplicate (BH11222-DUP1)	*Source sample: 21H1080-07 (Duplicate)							Prepared & Analyzed: 08/23/2021			
Arsenic - Dissolved	ND	1.11	ug/L		ND					20	
Barium - Dissolved	41.6	1.11	"		42.3				1.61	20	
Beryllium - Dissolved	ND	0.333	"		ND					20	
Cadmium - Dissolved	ND	0.556	"		ND					20	
Chromium - Dissolved	1.14	1.11	"		1.12				2.06	20	
Copper - Dissolved	ND	1.11	"		1.26					20	
Lead - Dissolved	ND	1.11	"		ND					20	
Manganese - Dissolved	ND	1.11	"		ND					20	
Nickel - Dissolved	ND	1.11	"		ND					20	
Selenium - Dissolved	6.48	1.11	"		7.83				18.8	20	
Silver - Dissolved	ND	1.11	"		ND					20	
Zinc - Dissolved	5.30	1.11	"		3.70				35.4	20	Non-dir.
Matrix Spike (BH11222-MS1)	*Source sample: 21H1080-07 (Matrix Spike)							Prepared & Analyzed: 08/23/2021			
Arsenic - Dissolved	50.6		ug/L	50.0	0.197	101	75-125				
Barium - Dissolved	104		"	50.0	38.1	132	75-125	High Bias			
Beryllium - Dissolved	36.4		"	50.0	-0.004	72.7	75-125	Low Bias			
Cadmium - Dissolved	40.4		"	50.0	0.006	80.9	75-125				
Chromium - Dissolved	43.9		"	50.0	1.01	85.8	75-125				
Copper - Dissolved	39.7		"	50.0	1.13	77.1	75-125				
Lead - Dissolved	57.9		"	50.0	-0.017	116	75-125				
Manganese - Dissolved	48.8		"	50.0	0.367	96.8	75-125				
Nickel - Dissolved	39.5		"	50.0	0.638	77.6	75-125				
Selenium - Dissolved	58.9		"	50.0	7.05	104	75-125				
Silver - Dissolved	35.4		"	50.0	0.0002	70.9	75-125	Low Bias			
Zinc - Dissolved	43.4		"	50.0	3.33	80.1	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11179 - EPA SW846-7470A											
Blank (BH11179-BLK1)								Prepared & Analyzed: 08/20/2021			
Mercury - Dissolved	ND	0.0002	mg/L								
LCS (BH11179-BS1)								Prepared & Analyzed: 08/20/2021			
Mercury - Dissolved	0.0022	0.0002	mg/L	0.00200		109	80-120				
LCS (BH11179-BS2)								Prepared & Analyzed: 08/20/2021			
Mercury - Dissolved	0.0021	0.0002	mg/L	0.00200		105	80-120				
Batch BH11180 - EPA SW846-7470A											
Blank (BH11180-BLK1)								Prepared & Analyzed: 08/20/2021			
Mercury	ND	0.0002	mg/L								
LCS (BH11180-BS1)								Prepared & Analyzed: 08/20/2021			
Mercury	0.002322	0.0002	mg/L	0.00200		116	80-120				
LCS (BH11180-BS2)								Prepared & Analyzed: 08/20/2021			
Mercury	0.002039	0.0002	mg/L	0.00200		102	80-120				
Duplicate (BH11180-DUP1)	*Source sample: 21H0348-10 (Duplicate)							Prepared & Analyzed: 08/20/2021			
Mercury	0.002102	0.0002	mg/L		0.003697				55.0	20	Non-dir.
Duplicate (BH11180-DUP2)	*Source sample: 21H0381-01 (Duplicate)							Prepared & Analyzed: 08/20/2021			
Mercury	0.05921	0.0050	mg/L		0.02200				91.6	20	Non-dir.
Batch BH11341 - EPA 7473 soil											
Blank (BH11341-BLK1)								Prepared & Analyzed: 08/24/2021			
Mercury	ND	0.0300	mg/kg wet								

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11341 - EPA 7473 soil											
Duplicate (BH11341-DUP1)	*Source sample: 21H0777-01 (SB-01 (2-4ft))							Prepared & Analyzed: 08/24/2021			
Mercury	0.747	0.0341	mg/kg dry		0.881				16.5	35	
Matrix Spike (BH11341-MS1)	*Source sample: 21H0777-01 (SB-01 (2-4ft))							Prepared & Analyzed: 08/24/2021			
Mercury	1.31		mg/kg	0.500	0.776	107	75-125				
Reference (BH11341-SRM1)								Prepared & Analyzed: 08/24/2021			
Mercury	30.405		mg/kg	27.2		112	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11223 - % Solids Prep											
Duplicate (BH11223-DUP1)	*Source sample: 21H0973-01 (Duplicate)								Prepared & Analyzed: 08/23/2021		
% Solids	98.3	0.100	%		98.1				0.206	20	
Batch BH11225 - % Solids Prep											
Duplicate (BH11225-DUP1)	*Source sample: 21H0835-09 (Duplicate)								Prepared: 08/23/2021 Analyzed: 08/24/2021		
% Solids	87.6	0.100	%		86.5				1.24	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21H0777-04	SB-04 (8-10ft)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
21H0777-05	SB-06 (5-7ft)	40mL Vial with Stir Bar-Cool 4° C
21H0777-06	SB-07 (6-8ft)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
21H0777-08	SB-09 (7-8ft)	40mL Vial with Stir Bar-Cool 4° C
21H0777-10	MW-01	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H0777-11	MW-02	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H0777-12	MW-03	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H0777-13	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-CRL	The RL check for this element recovered outside of control limits.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-MBLk	Analyte was detected in the batch method blank above the Reporting Limit.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
M-SRD1	The serial dilution for this element was outside control limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-08	The recovery of this surrogate was outside of QC limits.
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 21H0777

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Chazen	Company: Chazen	Company: Chazen	42137.00	RUSH - Next Day
Address: 4 British American Latham, NY 12110	Address: " "	Address:	YOUR Project Name: Broad Hollow, LLC.	RUSH - Two Day
Phone: 518-266-7351	Phone: "	Phone:		RUSH - Three Day
Contact: Branson Fields	Contact: "	Contact: Accounts Payable		RUSH - Four Day
E-mail: bfields@chazencompanies.com	E-mail: "	E-mail:	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Branson Fields

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in) Part 375 SCOs

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-01 (2-4 ft)	S	8/16/21 0845	Part 375 SVOCs; Part 375 Metals	2x8oz.
SB-02 (2-4 ft)	S	" 0915	" "	"
SB-03 (2-4 ft)	S	" 0940	" "	"
SB-04 (8-10 ft)	S	" 1020	Part 375 VOCs, SVOCs, Metals; PCBs	2x4oz 4x40ml
SB-06 (5-7 ft)	S	" 1120	" "	"
SB-07 (6-8 ft)	S	" 1130	" "	"
SB-08 (1-3 ft)	S	" 1235	Part 375 SVOCs; Part 375 Metals	2x8oz.
SB-09 (7-8 ft)	S	" 1330	Part 375 VOCs SVOCs, Metals	" "
SB-10 (2-4 ft)	S	" 1355	Part 375 SVOCs + Metals	2x8oz.
MW-01	GW	" 1440	Part 375 SVOCs, VOCs + Metals.	2x4,2x40ml,2x250

Comments: Analyze MW-01, MW-02, MW-03 for total + dissolved metals, Lab to filter.

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply) HCl ^ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: Ice

Special Instruction: Field Filtered; Lab to Filter X

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Branson Fields	8/16/21	Chris C York	8-17-21 9:55	Chris C York	8-17-21 15:00
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				Michal Nepinski	8/17/21 15:00 4.3 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 21H0777

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:
Company: Chazen	Company:	Company: Chazen.
Address:	Address:	Address:
Phone:	Phone:	Phone:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 42137.00

YOUR Project Name: Broad Howard, LLC

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Branson Fields

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in) Part 375 SCOs

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-02	GW	8/16/21 1455	Part 375 VOCs, SVOCs, Metals & PCBs	2xL, 3x40ml, 2x250
MW-03	GW	8/16/21 1525	" " "	" "
TripBlank	QA/QC	8/16/21 1545	Part 375 VOCs.	2x40ml

Comments: Lab to filter MW-01, MW-02, & MW-03 groundwater samples for dissolved metals! Analyze for both totals & dissolved.

Preservation: (check all that apply)

HCl X | MeOH ___ | HNO3 ___ | H2SO4 ___ | NaOH ___
ZnAc ___ | Ascorbic Acid ___ | Other: Ice

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction

Field Filtered
Lab to Filter X

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Branson Fields	8/16/21 1800	York Chris C	8-17-21 9:55	1 Chris C York	8-17-21 15:00
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				Michael Meyers	8/17/21 15:00 / 4.3 Degrees C

Please Reply To:

AmeriSci New York
117 EAST 30TH ST.
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-3114

LABORATORY ELECTRONIC TRANSMITTAL

To: Sharon Froedden
The Chazen Companies
Fax #:

Email: sfroedden@chazencompanies.com, eorlowski@chazencompanies.com

From: Bo Sun
AmeriSci Job #: 221081436
Subject: ELAP-PLM/TEM 5 day Results
Client Project: 42137.00 Task 300; Howard St. Redev.; Howard St., Peekskill, NY

Date: Tuesday, August 10, 2021
Time: 11:20:11
Comments:

Number of Pages: _____
(including cover sheet)

NOTE: Attached report is to be considered preliminary until final review with accompanying analysis summary letter is issued.

AmeriSci New York
117 EAST 30TH ST.
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-3114

PLM Bulk Asbestos Report

The Chazen Companies
Attn: Sharon Froedden
21 Fox Street

Poughkeepsie, NY 12601

Date Received 08/04/21
Date Examined 08/09/21
ELAP # 11480
AmeriSci Job # 221081436
P.O. #
Page 1 **of** 3
RE: 42137.00 Task 300; Howard St. Redev.; Howard St., Peekskill, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
01-CON-01A 1	221081436-01 **Location:** Gray Concrete W/ Painted Surface	***No***	NAD (by NYS ELAP 198.1) by Bo Sun on 08/09/21
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
02-CON-01B 1	221081436-02 **Location:** Gray Concrete W/ Painted Surface	***No***	NAD (by NYS ELAP 198.1) by Bo Sun on 08/09/21
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100%			
03-TRA-01A 2	221081436-03 **Location:** Gray Transite-Type Paneling / Siding	***Yes***	16% (by NYS ELAP 198.1) by Bo Sun on 08/09/21
Analyst Description: Gray, Homogeneous, Fibrous, Cementitious, Bulk Material **Asbestos Types:** Chrysotile 16.0 % **Other Material:** Non-fibrous 84%			
04-TRA-01B 2	221081436-04 **Location:** Gray Transite-Type Paneling / Siding		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
05-TAR-01A 3	221081436-05 **Location:** Black Tar-Type Material	***Yes***	Trace (<0.25 % pc)[1] (ELAP 400 PC) by Bo Sun on 08/09/21
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile <0.25 % pc **Other Material:** Non-fibrous 11%			

See Reporting notes on last page

PLM Bulk Asbestos Report

42137.00 Task 300; Howard St. Redev.; Howard St., Peekskill, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
06-TAR-01B 3	221081436-06 **Location:** Black Tar-Type Material	***Yes***	Trace (<0.25 % pc)[1] (ELAP 400 PC) by Bo Sun on 08/09/21
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile <0.25 % pc **Other Material:** Non-fibrous 19.7%			
07-VS-01A 4	221081436-07 **Location:** Off-White Vinyl Sheet Material W/ Gold Specks	***No***	NAD (by NYS ELAP 198.6) by Bo Sun on 08/09/21
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 11.4%			
08-VS-01B 4	221081436-08 **Location:** Off-White Vinyl Sheet Material W/ Gold Specks	***No***	NAD (by NYS ELAP 198.6) by Bo Sun on 08/09/21
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 10%			
09-WP-01A 5	221081436-09 **Location:** Gray Wallpaper W/ Green Leaf Pattern	***No***	NAD (by NYS ELAP 198.6) by Bo Sun on 08/09/21
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 19.5%			
10-WP-01B 5	221081436-10 **Location:** Gray Wallpaper W/ Green Leaf Pattern	***No***	NAD (by NYS ELAP 198.6) by Bo Sun on 08/09/21
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 21%			

See Reporting notes on last page

PLM Bulk Asbestos Report

42137.00 Task 300; Howard St. Redev.; Howard St., Peekskill, NY

Reporting Notes:

(1) Sample prepared for analysis by ELAP 198.6 method

Analyzed by: Bo Sun
Date: 8/9/2021

Reviewed by: Marik Peysakhov

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis using Olympus, Model BH-2 Pol Scope, Microscope, Serial #: 229003, by Appd E to Subpt E, 40 CFR 763 quantified by either CVES or 400 pt ct as noted for each analysis (NVLAP 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite, or ELAP 198.6 for NOB samples, or EPA 400 pt ct by EPA 600-M4-82-020 (NY ELAP Lab 11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. AIHA LAP, LLC Lab ID 102843, RI Cert AAL-094, CT Cert PH-0186, Mass Cert AA000054, NJ Lab ID #NY031.

_____END OF REPORT_____

Client Name: The Chazen Companies

Table I
Summary of Bulk Asbestos Analysis Results

42137.00 Task 300; Howard St. Redev.; Howard St., Peekskill, NY

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	01-CON-01A	1	----	----	----	----	NAD	NA
Location:	Gray Concrete W/ Painted Surface							
02	02-CON-01B	1	----	----	----	----	NAD	NA
Location:	Gray Concrete W/ Painted Surface							
03	03-TRA-01A	2	----	----	----	----	Chrysotile 16.0	NA
Location:	Gray Transite-Type Paneling / Siding							
04	04-TRA-01B	2	----	----	----	----	NA/PS	NA
Location:	Gray Transite-Type Paneling / Siding							
05	05-TAR-01A	3	0.282	83.7	5.3	9.3	Chrysotile <0.25	Chrysotile 1.7
Location:	Black Tar-Type Material							
06	06-TAR-01B	3	0.345	76.4	3.9	19.7	Chrysotile <0.25	NA/PS
Location:	Black Tar-Type Material							
07	07-VS-01A	4	0.372	29.2	59.4	11.4	NAD	NAD
Location:	Off-White Vinyl Sheet Material W/ Gold Specks							
08	08-VS-01B	4	0.225	29.0	61.0	10.0	NAD	NAD
Location:	Off-White Vinyl Sheet Material W/ Gold Specks							
09	09-WP-01A	5	0.212	55.4	25.1	19.5	NAD	NAD
Location:	Gray Wallpaper W/ Green Leaf Pattern							
10	10-WP-01B	5	0.219	52.2	26.8	21.0	NAD	NAD
Location:	Gray Wallpaper W/ Green Leaf Pattern							

Analyzed by: Marik Peysakhov

Date: 8/10/2021

Reviewed by: Marik Peysakhov

**Quantitative Analysis (Semi/Full); Bulk Asbestos Analysis - PLM by Appd E to Subpt E, 40 CFR 763 or NYSDOH ELAP 198.1 for New York friable samples or NYSDOH ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (or NYSDOH ELAP 198.4; for New York samples). Analysis using Hitachi, Model H600-Noran 7 System, Microscope, Serial #: 542-26-10. NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses): NVLAP (PLM) 200546-0, NYSDOH ELAP Lab 11480, AIHA LAP, LLC (PLM) Lab ID 102843, NJ Lab ID #NY031.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogenous materials).

Relinquished By: EJOrlowski Date/Time: 8/2/2021 17:35

Received By: FedEx Date/Time:

Relinquished By: Date/Time:

Received By: [signature] Date/Time: 8/4/21 → 13:35

AMERISCI
www.amerisci.com

BULK CHAIN OF CUSTODY

AMERISCI NEW YORK
117 EAST 30TH STREET
NEW YORK, NY 10016
TOLL FREE: (800) 705-5227
PHONE: (212) 679-8600
FAX: (212) 679-9392

AmeriSci #: № 221081436

Company: The Chazen Companies

Street Address: 21 Fox Street

City: Poughkeepsie State: NY Zip: 12601

Phone: 845-486-1520 Cell:

Fax Results? Y ☐ Fax #:

Email Results? Y ☑ Email: eorlowski@chazencompanies.com

Results to: Eric Orlowski, Arlette St. Romain

Project: Howard St. Redev.

Proj Mgr: Arlette St. Romain Proj #: 42137.00 Task 300

Proj Address: Howard St., Peekskill Proj State: NY

Analysis: ☐ PLM; ☑ Positive Stop; ☐ TEM; ☑ NY ELAP PLM/TEM w/ NOB Prep.

ASTM Dust ☐ (Microvac) ☐ (Wipe); ☐ Qualitative; ☐ Other (describe in comments)

Turnaround Time: 5 day Material Type: ☑ Bulk ☐ Dust ☐ Water

Sampled By: Eric Orlowski Date Sampled: 08/02/2021

Special Instructions or Comments:

Stop at first positive. Bill to Chazen, Attention: Accounts Payable. PO No. 08942

Lab ID	Field ID	Location	Sample Description (dust area)	Homogenous Area
	01-CON-01A	GREY CONCRETE WITH PAINTED SURFACE		1
	02-CON-01B	GREY CONCRETE WITH PAINTED SURFACE		1
	03-TRA-01A	GREY TRANSITE-TYPE PANELING/SIDING		2
	04-TRA-01B	GREY TRANSITE-TYPE PANELING/SIDING		2
	05-TAR-01A	BLACK TAR-TYPE MATERIAL		3
	06-TAR-01B	BLACK TAR-TYPE MATERIAL		3
	07-VS-01A	OFF-WHITE VINYL SHEET MATERIAL WITH GOLD SPECKS		4
	08-VS-01B	OFF-WHITE VINYL SHEET MATERIAL WITH GOLD SPECKS		4
	09-WP-01A	GREY WALLPAPER WITH GREEN LEAF PATTERN		5
	10-WP-01B	GREY WALLPAPER WITH GREEN LEAF PATTERN		5