Niagara Engineering

SUBSURFACE PHASE II ENVIRONMENTAL SITE ASSESSMENT

17-14 MONGOMERY STREET AND ADJACENT PARCELS HUDSON, COLUMBIA COUNTY, NEW YORK

Prepared for:

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Hudson, New York 12534

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1.0 INTRODUCTION

A Subsurface Phase II Environmental Site Assessment (ESA) was completed at numerous adjacent parcels around 14-17 Montgomery Street, Hudson, New York (refer to **Figure 1**). The specific parcels included:

- 14 Montgomery Street
- 17 Montgomery Street
- 72 Front Street
- 31-33 Cross Street
- 35-37 Cross Street
- 207 Tanners Lane
- 210 Tanners Lane
- 221-227 Tanners Lane

The Subsurface Assessment/Phase II was completed in accordance with ASTM E1903-19 - Standard Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process and in general accordance with the most current updates of New York State Department of Environmental Conservation NYSDEC Division of Environmental Remediation's (DER's) Technical Guidance for Site Investigation and Remediation (DER-10). The assessment was completed during two separate periods: December 2024 and December 2025 as a cost-effective two-step approach. The initial assessment in December 2024 was a follow-up to a previous Phase I/II assessment completed by others and to determine if soil impacts existed that might make the property eligible for the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). The follow-up sampling included collecting additional data once the initial assessment indicated that entry into the BCP was a viable option.

This assessment included a subsurface investigation across the various parcels (refer to **Figure 2**). The object of the assessment was to obtain information and data for assessing potential environmental impacts on the property for re-development purposes and to determine if the property is eligible for the NYSDEC BCP.

1.1 BACKGROUND

1.1.1 General Site Setting

Located in a mixed rail and commercial/residential neighborhood, the property is currently vacant and is bound by Cross Street to the north, Tanners Lane to the east with New York State Route 9G further east, rail lines to the south and Front Street to the west. The parcels are described as follows:

- 14 and 17 Montgomery Street - The flat two parcel property is a former warehouse storage facility for Kaz Inc that closed the warehouse in 2008. It was reported that Kaz is a plastics manufacturer that apparently is also known for making humidifiers, air purifiers and other products (not locally and under different ownership). The property includes an abandoned

warehouse and vacant land. The Amtrak station, located across the street, is the third busiest in the state and 50th busiest in the country. Since the closure, the building has remained largely vacant with the exception of a portion used to store furniture and antiques. The 14 Montgomery Street (SBL# 109.11-1-17) parcel is a 1.5-acre property that contains a warehouse, and a former building floor used for parking for the adjacent Wick Hotel. The 17 Montgomery Street (SBL# 109.51-1-14) parcel is 2.2-acres and contains an adjoining warehouse and vacant land.

- 72 Front Street (SBL# 109.11-1-29) is a relatively flat, 0.86-acre parcel that is used as a cut through access and parking area connecting Front Street with Montgomery Street. This parcel reportedly was part of a rail yard and rail roundhouse.
- 31-33 Cross Street (SBL# 109.43-1-64) and 35-37 Cross Street (SBL# 109.43-1-63) are small (0.06-acre and 0.09-acre) northeast to southwest sloping parcels. The 31-33 Cross Street parcel contains a transformer and a biodiesel grease container. The 35-37 Cross Street parcel is mostly asphalt-covered parcel and is used for parking adjacent to the Wick Hotel.
- 207 Tanners Lane (SBL# 109.51-1-12.10) is a vacant, grass covered, 0.32-acre residential property. A two-story residential structure is located adjacent to Tanner Lane.
- 210 Tanners Lane (SBL# 109.51-1-16) is a grass covered, 0.32-acre residential property. The property contains an occupied two-story residential structure and separate re-developed barn structure both located adjacent to Tanner Lane. This property is fenced with a wooden stockade fence around its perimeter.
- 221-227 Tanners Lane (SBL # 109.51-1-15) is a vacant, grass covered, vacant, 0.81-acre triangular-shaped property. The property contains remnants of a few former structures in various locations.

1.1.2 Physical and Geologic Setting

The property is located adjacent to the west across Front Street from the Hudson Rail station and adjacent to the north of the parking lot and train tracks that service the station. To the north and northeast is the Wick Hotel and both Cross Street and Tanners Lane which are lined with residential properties. The general middle of the parcels is located at latitude 42º 15’ 07” N; Longitude 73º 47’ 45” W.

Local area topography is steeply sloping towards the Hudson River north and east of the property. Surface relief in the immediate vicinity of the subject properties is relatively uniform. The property area itself is much lower than its surroundings to the north and east; slightly sloping and generally flat ranging from 5 to 15 feet above sea level.

The native soils at the property are lacustrine deposits of fine-grained silts and clays, likely deposited in a pro-glacial lake. Starting approximately 15,000 years ago, the middle Hudson Valley held a long, narrow lake, fed by the meltwaters of the retreating Wisconsinan icesheet. The lake, known as Lake Albany, is thought to have persisted for as long as 5000 years, and would have accumulated thick deposits of sediment before draining and withdrawing back into the general form of the present-day Hudson River.

The property is located east of the Hudson, on low ground within the river's flood plain. The Hudson River can be reasonably described as a long, narrow estuary, formed in a drowned river valley. The river is essentially at sea-level. Flanking the river on both sides are tidal flats and swampy embayments where tributaries feed the main channel.

The ground surface at the property was most likely built-up possibly as much as approximately ten feet of imported coarse grained and porous fill materials, consisting of sands and gravel with a varying fraction of including brick and wood fragments, slag, plastic, glass, coal, concrete fragments and similar debris. This fill reportedly in other nearby environmental assessments varies in thickness considerably, depending on the location. Fill at the property during this assessment was found to be consistently 4-8 feet or more.

The bedrock of the region is described as Ordovician slate, shale and chert that are extremely deformed (folded and faulted).

1.1.3 Historical Use

The various parcels have a mixed-use history including rail, rail roundhouse /maintenance, warehousing and other commercial/residential uses.

1.1.4 Contaminants of Concern

The history and use of the subject property suggests there were potential contaminants of concern associated with fill material, commercial/industrial and past rail use. Potential contaminants include metals and polycyclic aromatic hydrocarbons (PAHs). PAHs are a group of chemicals that are formed during incomplete burning of wood, coal, gas, garbage, or other organic substances and are widely distributed in the environment and particularly in older urban environments where coal, gas, and petroleum were burned for heat and other energy uses. PAH compounds are common constituents of fill material found in urban environments. These are frequently also found in railroad fill base material.

1.2 SCOPE

The objective of this environmental assessment was to assess the potential for environmental impacts across the wider property area and to determine if the property might be eligible for the BCP. To obtain sufficient data, Niagara Engineering completed two separate assessments totaling thirty-eight (38) borings and three shovel test holes across the large area and various parcels (refer to attached Figure 2). The object was to collect several fill/soil samples across the various parcels that make up the subject property. The scope included the collection of “worst-case” soil samples from a soil zone that indicated potential environmental impacts/fill conditions. Thirty-nine shallow subsurface soil samples were collected at locations across the subject property. Soil samples were analyzed for 6 NYCRR Part 375 SVOCs and metals.

The soil borings were field located and were generally in areas identified in the proposed scope with minor adjustments to accommodate the location of underground utility lines and visual observations. All soil borings were advanced at a minimum distance of 2.5 feet away from marked utilities, where present, to reduce the possibility of accidentally damaging an underground line. Assessment of subsurface conditions included visual/olfactory observations and volatile organic screening using a photoionization detector (PID) instrument scan of all the borings across the property. Soil from each boring was visually examined, and soil samples were collected from the thirty-nine (39) locations. A sub-set of soil samples were submitted to a New York State approved laboratory for analysis of NYSDEC NYCRR Part 375 compounds indicated.

2.0 FIELD INVESTIGATIONS

The subsurface assessment field work was completed during two consecutive days on December 4 and 5, 2024 and one day on April 3, 2025. A summary of the field investigation methodology and findings is presented in Sections 2.1 through 2.3. Prior to conducting the subsurface assessment, the utility locate center was notified to mark underground utilities on the properties. A photolog of field activities is included as **Appendix A** and boring logs are included in **Appendix B**.

2.1 SOIL SAMPLING

A total of thirty-eight (38) Geoprobe® soil borings designated BH1-BH38 and three (3) shovel test holes designated NS1 through NS3 were advanced at specific locations across the property (refer to attached **Figure 2**). Soil borings were field located to assess the subsurface across the property and adjacent to the onsite buildings or remnants of structures.

The Geoprobe field work was performed by Niagara Engineering and TREC Environmental, Inc (Geoprobe operator). Borings were advanced to a depth between four (4) and twelve (12) feet below ground surface (bgs). The borings were completed using a fully equipped truck mounted Geoprobe® unit which employs direct push technology. Continuous soil sampling was performed using Macro Core soil samplers measuring 44 inches in length and 1½ inches in diameter with acetate liners resulting in roughly four-foot length distinct sample cores (i.e., 0-4', 4-8', 8-12'). Each of the samplers was fitted with a new acetate liner prior to use.

Soil from each soil core was visually described and field screening of soil for volatile organic compound (VOC) concentrations was completed using a PID - MiniRae with a 10.2 eV Lamp. No elevated PID readings were observed at any of the boreholes. A total of thirty-nine (39) subsurface/near-surface soil samples were collected in the fill material as follows:

- BH1 at 1-4 feet bgs. The total depth of boring was 8 feet bgs and fill was observed to 8 feet bgs
- BH2 at 1-4 feet bgs. Total depth of boring was 12 feet bgs and fill was observed to 12 feet bgs
- BH3 at 1-4 feet bgs. Total depth of boring was 8 feet bgs and fill was observed to 8 feet

bgs

- BH4 at 1-4 feet bgs. Total depth of boring was 12 feet bgs and fill was observed to at least 8 feet bgs
- BH5 at 1-4 feet bgs. Total depth of boring was 8 feet bgs and fill was observed to be at least 6 feet bgs. Boring was completed into “native” grey clay.
- BH6 at 1-4 feet bgs. The total depth of boring was 4 feet bgs. Fill was observed to 4-foot bgs
- BH7 – at 1-4 feet bgs. Total depth of boring was 8 feet bgs and fill was observed to at least 4 feet bgs. Boring was completed into “native” black-grey silty clay
- BH8 - at 1-4 feet bgs. The total depth of boring was 8 feet bgs and fill was observed to at least 7 feet bgs. Boring was completed into “native” black-grey silty clay
- BH9 - at 2-4 feet bgs. The total depth of boring was 12 feet bgs and fill was observed to at least 6 feet bgs. Boring was completed into “native” grey silty clay
- BH10 at 0-2 feet bgs. The total depth of boring was 2 feet bgs and fill was observed to be at least 2 feet bgs. Boring was completed at refusal – possibly cement fill or sidewalk/floor
- BH11 at 1-2 feet bgs. The total depth of boring was 8 feet bgs and fill was observed to be at least 3 feet bgs. Boring was completed into “native” grey silty clay
- BH12 – at 1-3 feet bgs. The total depth of boring was 8 feet bgs and fill was observed to be at least 3 feet bgs. Boring was completed into “native” grey silty clay
- BH13 at 1-3 feet bgs. The total depth of boring was 8 feet bgs and fill was observed to be at least 4 feet bgs. Boring was completed into “native” grey silty clay
- BH14 at 2-4 feet bgs. The total depth of boring was 8 feet bgs and fill was observed to at least 6 feet bgs. Boring was completed into “native” grey silty clay
- BH15 at 1-4 feet bgs. The total depth of boring was 8 feet bgs and fill was observed to be at least 4 feet bgs. Boring was completed into “native” grey silty clay
- BH16 at 1-4 feet bgs. The total depth of boring was 8 feet bgs and fill was observed to at least 4 feet bgs. Boring was completed into “native” grey silty clay
- BH17 at 1-3 feet bgs. The total depth of boring was 8 feet bgs and fill was observed to at least 4 feet bgs. Boring was completed into “native” grey silty clay
- BH18 at 2-4 feet bgs. The total depth of boring was 8 feet bgs and fill was observed to at least 4 feet bgs. Boring was completed into “native” grey-black silty clay
- BH19 at 1-3 feet bgs. The total depth of boring was 4.5 feet bgs and fill was observed to be at least 4 feet bgs. Boring was completed at refusal due to mulched wood
- BH20 at 1-3 feet bgs. The total depth of boring was 4 feet bgs and fill was observed to at least 4 feet bgs. Boring was completed at refusal due to cement
- BH21 at 1-3 feet bgs. The total depth of boring was 8 feet bgs and fill was observed to at least 4 feet bgs. Boring was completed into “native” grey silty clay
- BH22 at 1-3 feet bgs. The total depth of boring was 4 feet bgs and fill was observed to at least 4 feet bgs. Boring was completed into fill material
- BH23 at 1-3 feet bgs. The total depth of boring was 4 feet bgs and fill was observed to at least 4 feet bgs. Boring was completed into fill material
- BH24 at 1-3 feet bgs. The total depth of boring was 4 feet bgs and fill was observed to at least 4 feet bgs. Boring was completed into fill material

- BH25 at 1-3 feet bgs. The total depth of boring was 4 feet bgs and fill was observed to at least 4 feet bgs. Boring was completed into fill material
- BH26 at 1-3 feet bgs. The total depth of boring was 4 feet bgs and fill was observed to at least 4 feet bgs. Boring was completed into fill material
- BH27 at 3-6 feet bgs. The total depth of boring was 8 feet bgs and fill was observed to at least 4 feet bgs. Boring was completed into fill/clay material
- BH29 at 2-5 feet bgs. The total depth of boring was 8 feet bgs and fill was observed to at least 8 feet bgs. Boring was completed into fill material
- BH30 at 2-5 feet bgs. The total depth of boring was 8 feet bgs and fill was observed to at least 5 feet bgs. Boring was completed into fill/clay material
- BH31 at 2-3 feet bgs. The total depth of boring was 8 feet bgs and fill was observed to at least 3 feet bgs. Boring was completed into silty clay material
- BH32 at 2-3 feet bgs. The total depth of boring was 4 feet bgs and fill was observed to at least 2 feet bgs. Boring was completed into silty clay material
- BH33 at 2-4 feet bgs. The total depth of boring was 4 feet bgs and fill was observed to at least 4 feet bgs. Boring was completed into fill material
- BH34 at 1-3 feet bgs. The total depth of boring was 4 feet bgs and fill was observed to at least 4 feet bgs. Boring was completed into fill material
- BH36 at 2-4 feet bgs. The total depth of boring was 4 feet bgs and fill was observed to at least 2 feet bgs. Boring was completed into silty clay material
- BH37 at 2-4 feet bgs. The total depth of boring was 4 feet bgs and fill was observed to at least 4 feet bgs. Boring was completed into fill material
- BH38 at 2-4 feet bgs. The total depth of boring was 4 feet bgs and fill was observed to at least 4 feet bgs. Boring was completed into fill material
- NS1 at 1 foot. Shovel hole was completed at 1-foot bgs in fill material.
- NS2 at 1 foot. Shovel hole was completed at 1-foot bgs in fill material.
- NS3 at 1 foot. Shovel hole was completed at 1-foot bgs in fill material.

Since no visual observations or elevated PID readings were found, sample depths corresponded to near-surface soil/fill material. The soil samples were submitted to Eurofins Buffalo, a NYSDEC approved laboratory for analysis (refer to Section 2.3).

Stratification of material in the borings and observations were noted on boring logs (refer to **Appendix A**). Photographs of field activities are contained in **Appendix B**. Prior to conducting the subsurface investigation, all utilities were located and areas identified. All sampling tools were cleaned with Alconox, double rinsed with tap water and rinsed with distilled water between sample collection points. All soil borings were backfilled and sealed with native soil.

2.2 GROUNDWATER SAMPLING

No groundwater samples were collected. The assessment was focused on soils across the various parcels that make up the subject property. Depths at which soils indicated “wetness” were noted on the boring logs and this may or may not represent perched water conditions within or just below the fill layer. Groundwater levels, as found by nearby environmental investigations just west of

the property towards the Hudson River suggest that groundwater in the area is shallow and exists within the fill layer above the native silty clay or within a few feet or less of ground surface.

2.3 SUBSURFACE CONDITIONS

The borings indicate that shallow subsurface conditions generally consisted of imported coarse grained and porous fill materials, consisting of silt, sands and gravel with a varying fraction of materials including brick and wood fragments, slag, cinder, plastic, glass, coal, concrete fragments and similar debris. Areas that were historically associated with rail operations contained coarse black fill containing cinder, coal and slag. Fill at the property during this assessment was found to be consistently 2-4 feet and in instances 4-8 feet or more. Below the fill layer is typically silty grey-black clay with some sand. There were some exceptions to this general geological description as noted on each borehole log. Boring logs are provided in **Appendix B** and Photographs of soil cores can be found in **Appendix A**.

3.0 RESULTS

The results of the Phase II assessment indicated the following:

- Fill exists at shallow depths across the properties to about 4 feet or more in most locations.
- The shallow fill contains elevated levels of metals and semi volatile organic compounds (SVOCs), mostly polycyclic aromatic hydrocarbons (PAHs)**.** PAHs are a group of organic compounds that contain two or more benzene rings in their structure. There are more than 100 different PAHs that generally occur as complex mixtures.

Soil samples were analyzed on a standard 10-day turnaround time. The analytical soil results were compared to the NYSDEC Unrestricted, Restricted Residential, Commercial and Industrial Soil Cleanup Objectives (SCOs) listed in Table 375-6.8(a) and (b) of 6 NYCRR Part 375 (current). These SCOs and standards are listed in **Table 1**. A copy of the laboratory report is provided in **Appendix C**.

3.1 SOIL

All thirty-nine (39) soil samples were submitted for analysis for NYSDEC Part 375 metals by EPA Method 6010C and NYSDEC Part 375 SVOCs by EPA Method 8270D. The following summarizes the results.

Metals

Metal compounds were observed in all soil samples analyzed. A summary of metals above NYSDEC SCOs is provided in **Table 1** and **Figure 3**. The following results were above NYSDEC restricted residential, commercial or industrial SCOs:

- Arsenic exceeded industrial SCOs in fourteen (14) of the soil samples including BH4

(18.80ppm); BH5 (20.2ppm); BH12 (17.10ppm); BH14 (45.6ppm); BH16 (26.8ppm); BH17 (16.20ppm); BH18 (52.60); BH20 (16ppm); BH23 (27.40ppm); BH24 (61.40ppm); BH25 (29.30ppm); BH34 (17.30); BH38 (24.9) and NS2 (33.3ppm)

- Barium exceeded commercial SCOs in two (2) of the soil samples including BH34 (840ppm) and BH38 (432)
- Cadmium exceeded restricted residential SCOs in one soil sample BH14 (12.20ppm).
- Lead exceeded the Restricted Residential SCOs in six (6) soil samples including sample BH3 (723ppm); BH5 (639ppm); BH12 (508ppm); BH17 (491ppm); BH34 (740ppm); BH37 (744ppm) and above Commercial SCOs in BH4 (1130ppm) and sample BH14 (3390ppm).
- Manganese exceeded Restricted Residential SCOs in one soil sample BH25 (2110ppm).
- Mercury exceeded Restricted Residential SCOs in five (5) soil samples including BH3 (1.20ppm); BH4 (1.10ppm); BH5 (2.10ppm); BH12 (1.4ppm); and BH30 (0.89ppm). Mercury exceeded Industrial SCOs in sample BH13 (6.4ppm).

A number of metals were above Unrestricted and Residential SCOs in various samples across the property – refer to **Table 1**.

Semi-Volatile Organic Compounds (SVOCs)

Of the twenty-nine (29) soil samples submitted for laboratory analysis, ten (10) had elevated SVOCs, mostly PAH compounds, above NYSDEC Restricted Residential SCOs, Commercial or Industrial SCOs – refer to **Table 1 and Figure 2**. These are summarized as follows:

- Benzo(a)anthracene was detected above industrial SCOs in BH38 (28ppm); above Commercial SCOs in BH14 (8.30ppm), and above Restricted Residential in BH8 (1.1Jppm), BH16 (1.2ppm), BH18 (2.1ppm), BH22 (2.2ppm); BH23 (1.8ppm); BH24 (1.3Jppm); BH26 (1.0ppm); and NS2 (1.6Jppm).
- Benzo(a)pyrene was detected above Industrial SCOs in BH4 (1.1ppm); BH14 (7.7ppm); BH16 (1.1ppm), BH18 (1.9ppm), BH22 (2.0ppm), BH23 (1.6ppm); BH24 (1.9ppm); BH36 (1.3ppm); BH38 (36.0ppm); and NS2 (1.6Jppm).
- Benzo(b)fluoranthene was detected above industrial SCOs in BH38 (34.0ppm); above Commercial SCOs in BH14 (8.2ppm) and above Restricted Residential SCOs in BH4 (1.6ppm), BH12 (1.2Jppm), BH13 (1.3ppm); BH16 (1.4ppm); BH18 (2.4ppm); BH19 (1.1J); BH22 (2.6ppm); BH23 (1.9ppm) BH24 (3.0); BH26 (1.2ppm); BH30 (1.1ppm); BH32 (1.0ppm); and in NS2 (2.0Jppm).
- Benzo(k)fluoranthene was detected above Restricted Residential SCOs in BH14 (4.10ppm) and BH38 (13ppm).
- Chrysene was detected above Restricted Residential SCOs in BH14 (8.6ppm); and BH 38 (31ppm).
- Dibenz(a,h)anthracene was detected above industrial SCOs in BH14 (1.4Jppm); and BH38 (6.0ppm), and above Restricted Residential in BH (0.4Jppm); BH22 (0.41Jppm); and BH24 (0.47J).
- Indeno(1,2,3-cd)pyrene was detected above Industrial SCOs in BH38 (22ppm); and

Restricted Residential SCOs in BH4 (0.76ppm); BH13 (0.65Jppm), BH14 (3.9ppm); BH16 (0.65J); BH18 (1.1ppm); BH22 (1.1Jppm); BH23 (0.89Jppm); BH24 (1.4Jppm); BH26 (0.52Jppm); and NS2 (1.0Jppm) .

3.2 GROUNDWATER

No groundwater samples were collected.

4.0 CONCLUSIONS

The purpose of this assessment was to identify potential environmental impacts on the subject property and to assess if the results were above brownfield SCOs. The property is mostly vacant land that previously had mixed-use including rail, rail roundhouse/maintenance, warehousing, tannery, and other commercial use.

The laboratory results indicate that there are urban fill conditions existing at the property to at least four (4) and in some places eight (8) feet bgs resulting in target compounds (metals and SVOCs, primarily PAHs) above NYSDEC Industrial, Commercial and Restricted Residential SCOs.

5.0 WARRANTS AND LIMITATIONS

This report is based on information from limited soil sampling and visual observations of the soils as well as a review of historical property information. This report is intended exclusively for the purpose outlined herein at the site location and project indicated.

The scope of services performed in this assessment may not be appropriate to satisfy the needs of other users and any use or reuse of this document or the findings, conclusions, or recommendations presented, is at the sole risk of the user.

The conclusions set forth in this report are based upon, and limited by, the analytical data and other information available. It should be noted that all surface and subsurface environmental assessments are inherently limited in the sense that conclusions are drawn, and recommendations developed from information obtained from limited data and site evaluation at a specific time. The passage of time may result in a change in environmental circumstances at this site and surrounding properties, or petroleum/hazardous materials beneath the surface may be present but undetectable during this limited subsurface assessment.

Opinions and recommendations presented herein apply to the site conditions existing at the time of the subsurface assessment and those reasonably foreseeable. They cannot necessarily apply to site changes, which are not made aware and therefore not evaluated.

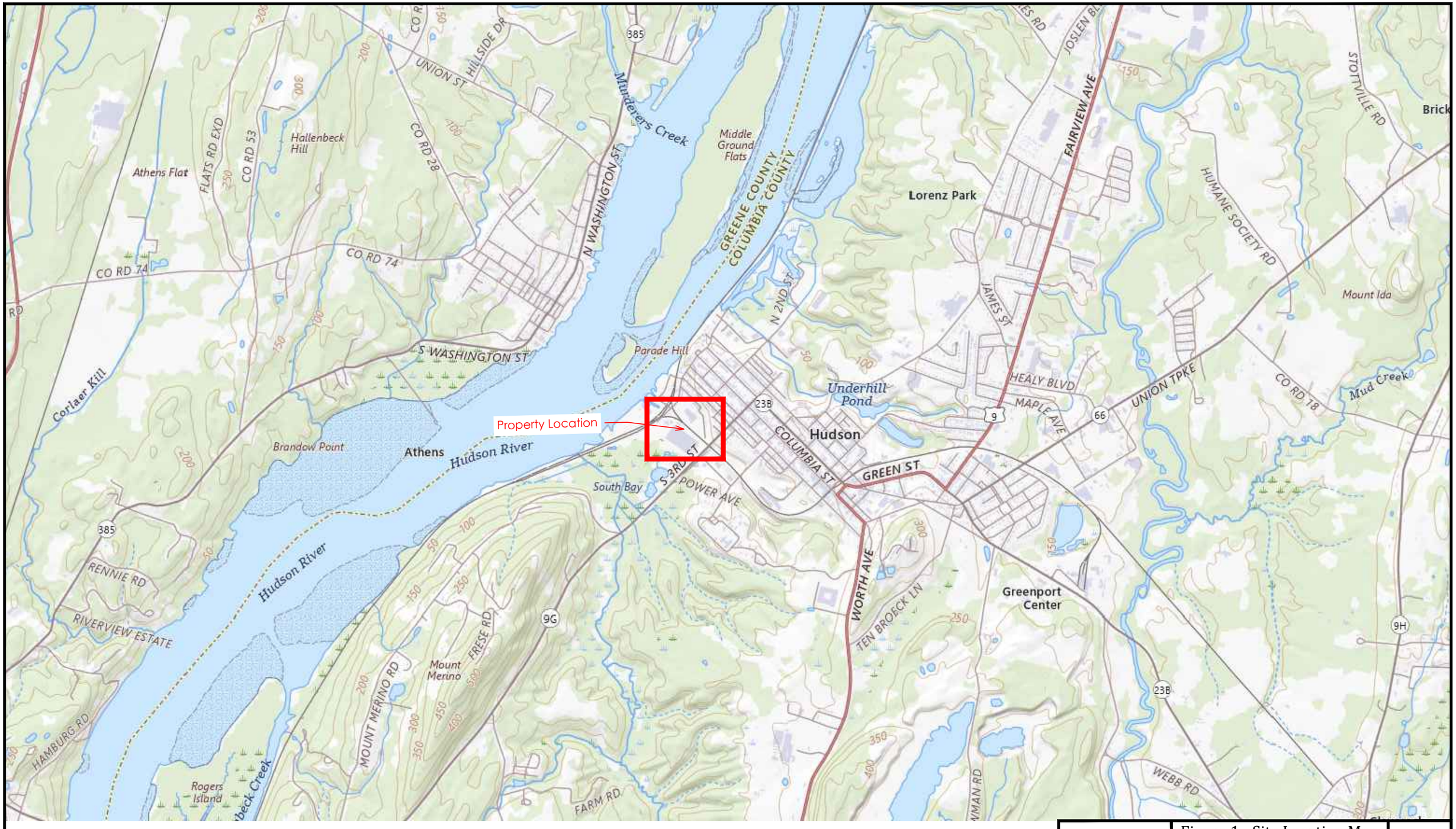
6.0 PROFESSIONAL STATEMENT

This subsurface assessment at the Montgomery Street Project, Hudson, Columbia County, New York, was performed in conformance with the scope and limitations of ASTM Practice E 1903-11 for the specific objectives specified in the report. Staff completing the work and report meet the definition of environmental professional as defined in 312.10 of 40CFR312 and have the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the subject property.

Signature of Environmental Professional

Date: **4-29-2025**

FIGURES & TABLES



LEGEND

Property Location

Niagara Engineering

255 Great Arrow Ave # 102
Buffalo, NY 14207

Figure 1 - Site Location Map

Montgomery Street Projects LLC
Montgomery Street Project
14-17 Montgomery Street
Hudson, New York 12534

Revisions	
#	##/##/##
#	##/##/##
#	##/##/##
#	##/##/##
#	##/##/##

12/09/2024 | SCALE: 1" = ~2000' | SHEET 1 OF 2

LEGEND

BCP Parcel Boundaries

BH# Approximate Historic Phase II Boring Locations

NOTES:
1) Base map was adapted from Columbia County GIS
2) Borings denoted BH# represent samples collected on December 4-5, 2024

N

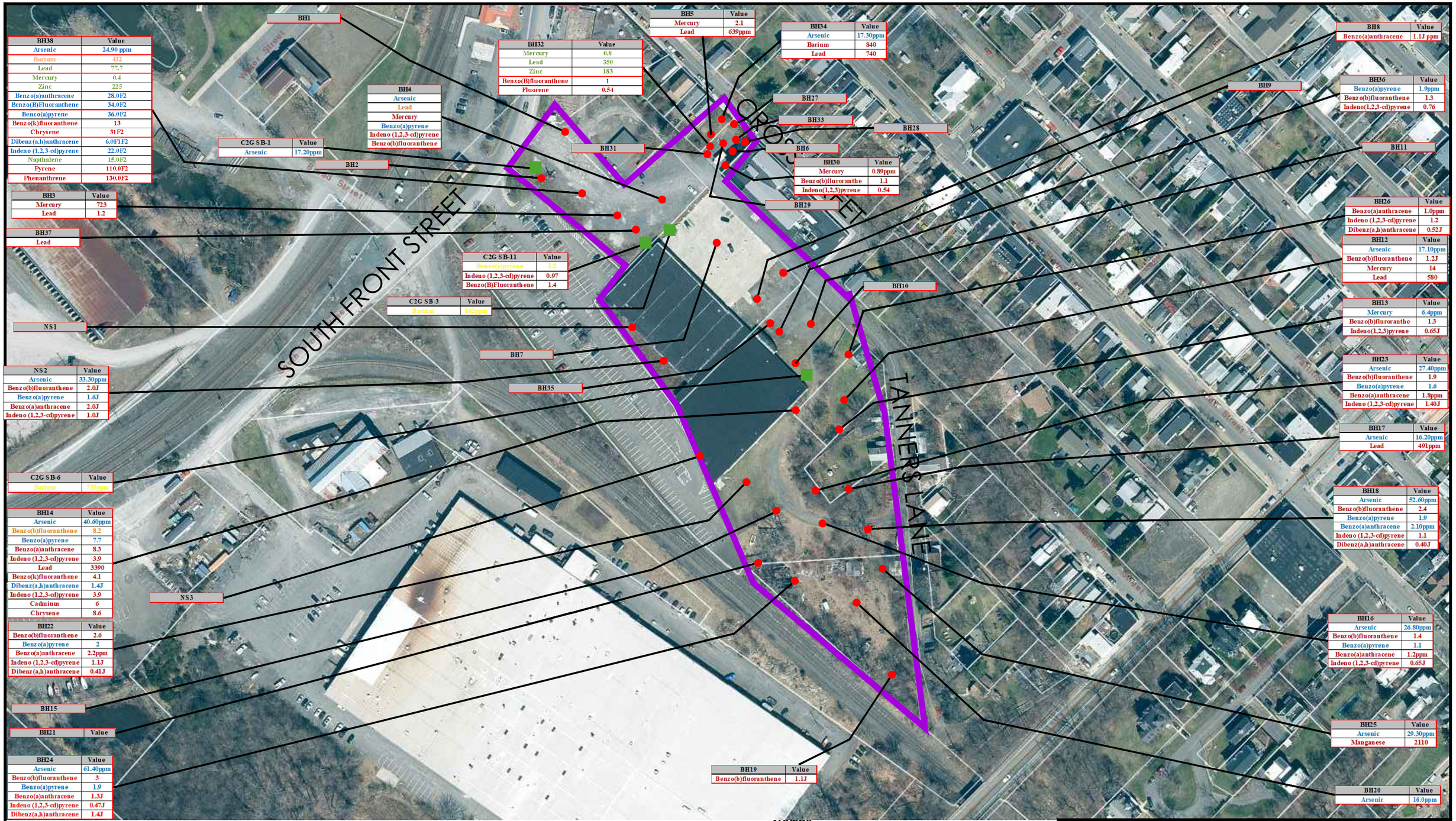
Niagara Engineering
255 Great Arrow Ave # 102
Buffalo, NY 14207

Figure 2 - Property Locations

Montgomery Street Projects LLC
Montgomery Street Project
14-17 Montgomery Street
Hudson, New York 12534

Revisions	
#	##/##/##
#	##/##/##
#	##/##/##
#	##/##/##
#	##/##/##

4/17/2025 | SCALE: 1" = 150'-0" | SHEET 2 OF 2



BH38	Value
Arsenic	24.90 ppm
Barium	432
Lead	77.7
Mercury	0.4
Zinc	225
Benzo(a)anthracene	28.0F2
Benzo(B)Fluoranthene	34.0F2
Benzo(a)pyrene	36.0F2
Benzo(k)fluoranthene	13
Chrysene	31F2
Dibenz(a,h)anthracene	6.0F1F2
Indeno (1,2,3-cd)pyrene	22.0F2
Napthalene	15.0F2
Pyrene	110.0F2
Phenanthrene	130.0F2

BH3	Value
Mercury	723
Lead	1.2

BH37
Lead

NS1

NS2	Value
Arsenic	33.30ppm
Benzo(b)fluoranthene	2.0J
Benzo(a)pyrene	1.6J
Benzo(a)anthracene	2.0J
Indeno (1,2,3-cd)pyrene	1.0J

C2G SB-6	Value
Barium	735ppm

BH14	Value
Arsenic	40.60ppm
Benzo(b)fluoranthene	8.2
Benzo(a)pyrene	7.7
Benzo(a)anthracene	8.3
Indeno (1,2,3-cd)pyrene	3.9
Lead	3300
Benzo(k)fluoranthene	4.1
Dibenz(a,h)anthracene	1.4J
Indeno (1,2,3-cd)pyrene	3.9
Cadmium	6
Chrysene	8.6

NS3

BH22	Value
Benzo(b)fluoranthene	2.6
Benzo(a)pyrene	2
Benzo(a)anthracene	2.2ppm
Indeno (1,2,3-cd)pyrene	1.1J
Dibenz(a,h)anthracene	0.41J

BH15

BH21	Value

BH24	Value
Arsenic	61.40ppm
Benzo(b)fluoranthene	3
Benzo(a)pyrene	1.9
Benzo(a)anthracene	1.3J
Indeno (1,2,3-cd)pyrene	0.47J
Dibenz(a,h)anthracene	1.4J

BH1

BH4
Arsenic
Lead
Mercury
Benzo(a)pyrene
Indeno (1,2,3-cd)pyrene
Benzo(b)fluoranthene

C2G SB-1	Value
Arsenic	17.20ppm

BH2

BH32	Value
Mercury	0.8
Lead	350
Zinc	183
Benzo(B)fluoranthene	1
Fluorene	0.54

BH31

C2G SB-11	Value
Benzo(a)pyrene	1.2
Indeno (1,2,3-cd)pyrene	0.97
Benzo(B)Fluoranthene	1.4

C2G SB-3	Value
Barium	862ppm

BH7

BH35

BH5	Value
Mercury	2.1
Lead	639ppm

BH34	Value
Arsenic	17.30ppm
Barium	840
Lead	740

BH27

BH33

BH28

BH6

BH30	Value
Mercury	0.89ppm
Benzo(b)fluoranthe	1.1
Indeno(1,2,3)pyrene	0.54

BH29

BH10

BH19	Value
Benzo(b)fluoranthene	1.1J

BH8	Value
Benzo(a)anthracene	1.1J ppm

BH9

BH36	Value
Benzo(a)pyrene	1.9ppm
Benzo(b)fluoranthene	1.3
Indeno(1,2,3-cd)pyrene	0.76

BH11

BH26	Value
Benzo(a)anthracene	1.0ppm
Indeno (1,2,3-cd)pyrene	1.2
Dibenz(a,h)anthracene	0.52J

BH12	Value
Arsenic	17.10ppm
Benzo(b)fluoranthene	1.2J
Mercury	14
Lead	580

BH13	Value
Mercury	6.4ppm
Benzo(b)fluoranthe	1.3
Indeno(1,2,3)pyrene	0.65J

BH23	Value
Arsenic	27.40ppm
Benzo(b)fluoranthene	1.9
Benzo(a)pyrene	1.6
Benzo(a)anthracene	1.8ppm
Indeno (1,2,3-cd)pyrene	1.40J

BH17	Value
Arsenic	16.20ppm
Lead	491ppm

BH18	Value
Arsenic	52.60ppm
Benzo(b)fluoranthene	2.4
Benzo(a)pyrene	1.9
Benzo(a)anthracene	2.10ppm
Indeno (1,2,3-cd)pyrene	1.1
Dibenz(a,h)anthracene	0.40J

BH16	Value
Arsenic	26.80ppm
Benzo(b)fluoranthene	1.4
Benzo(a)pyrene	1.1
Benzo(a)anthracene	1.2ppm
Indeno (1,2,3-cd)pyrene	0.65J

BH25	Value
Arsenic	29.30ppm
Manganese	2110

BH20	Value
Arsenic	16.0ppm

LEGEND

BCP Parcel Boundaries

BH# — Approximate Historic Phase II Boring Locations

- Residential SCO
- Reported Concentration Greater/Equal to Restricted Residential SCO
- Reported Concentration Greater/Equal to Commercial SCO
- Reported Concentration Greater/Equal to Industrial SCO

NOTES:

1) Base map was adapted from Columbia County GIS
2) Borings denoted BH# represent samples collected on December 4-5, 2024
3) Previous Phase II by C2G Environmental

N

Niagara Engineering
255 Great Arrow Ave # 102
Buffalo, NY 14207

Figure 3 - Soil Sample SCO Exceedances

Montgomery Street Projects LLC
Montgomery Street Project
14-17 Montgomery Street
Hudson, New York 12534

Revisions	
#	##/##/##
#	##/##/##
#	##/##/##
#	##/##/##
#	##/##/##

4/17/2025 | SCALE: 1" = 150'-0" | SHEET 2 OF 2

Montgomery Street Projects - 14-17 Montgomery Street Other Parcels
Hudson, New York
Subsurface Soil Assessment - 12-4/5-2024

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS

Parameter Tested	Phase II Report - Sample Identification, Sample Depth in feet below ground surface (bgs), and Sample Date										NYSDEC Soil Cleanup Objectives (SCOs)				
	BH1 1-4	BH2 1-4ft	BH3 1-4ft	BH4 1-4ft	BH5 1-4ft	BH6 1-4ft	BH7 1-4ft	BH8 1-4ft	BH9 2-4ft	BH10 0-2ft					
	7/12/2024										Unrestricted	Residential	Restricted Residential	Commerical	Industrial
METALS/INORGANICS															
Arsenic	**13.90**	6.90	**15.60**	**18.80**	**20.20**	9.10	7.70	7.80	7.50	7.10	13	16	16	16	16
Barium	118.00	80.80	163.00	241.00	257.00	158.00	109.00	124.00	196.00	154.00	350	350	400	400	10,000
Beryllium	0.95	1.00	1.80	1.30	1.20	1.10	0.89	2.40	1.20	1.10	7.2	14	72	590	2,700
Cadmium	0.63	0.085J	0.52	1.60	0.70	0.47	0.46	ND	0.26	0.33	2.5	2.5	4.3	9.3	60
Chromium	11.80	8.70	15.50	26.80	23.50	18.90	25.90	5.90	15.50	14.60	30	36	180	1,500	6,800
Copper	39.90	12.70	**184.00**	**149.00**	**135.00**	42.40	66.80	9.70	27.40	33.00	50	270	270	270	10,000
Lead	**243.00**	**92.60**	**723.00**	**1130.00**	**639.00**	220.00	28.30	**260.00**	**173.00**	**110.00**	63	400	400	1,000	3,900
Manganese	331.00	259.00	785.00	666.00	377.00	519.00	791.00	576.00	991.00	897.00	1,600	2,000	2,000	10,000	10,000
Mercury	**0.320**	**0.240**	1.20	**1.10**	**2.10**	**0.60**	0.04	0.71	0.32	0.14	0.18	0.81	0.81	2.8	5.7
Nickel	14.00	8.50	14.50	**35.60**	21.50	18.00	28.90	5.70	16.30	18.30	30	140	310	310	10,000
Selenium	2.00	ND	ND	2.3J	1.8J	ND	1.4J	ND	1.60	ND	3.9	36	1,500	1,500	6,800
Silver	ND	ND	0.66J	0.54	0.51J	0.30	ND	0.29	0.36	0.29J	2	36	1,500	1,500	6,800
Zinc	**453.00**	**147.00**	**361.00**	**505.00**	494.00	213.00	135.00	232.00	175.00	145.00	109	2,200	10,000	10,000	10,000
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)															
Acenaphthene	ND	0.033J	ND	ND	ND	ND	ND	ND	ND	ND	20	100	100	500	1,000
Acenaphthylene	0.058J	0.062J	ND	0.240J	ND	ND	ND	ND	ND	ND	100	100	100	500	1,000
Anthracene	0.0.54J	0.12	ND	0.17	ND	ND	ND	ND	ND	ND	100	100	100	500	1,000
Benzo(a)anthracene	0.31	0.55	0.09J	0.93	0.300J	ND	ND	**1.1J**	ND	0.460JF2F1	1	1	1	5.6	11
Benzo(a)pyrene	0.34	0.58	0.1J	**1.10**	0.330J	ND	ND	0.85J	ND	0.46 JF2F1	1	1	1	1	1.1
Benzo(b)fluoranthene	0.51	0.87	0.16J	**1.60**	0.450J	0.160J	ND	0.95J	ND	0.61 J1F2F1	1	1	1	5.6	11
Benzo(g,h,i)perylene	0.34	0.54	0.089J	0.95	0.230J	ND	ND	0.41J	ND	0.3 JF2	100	100	100	500	1,000
Benzo(k)fluoranthene	0.24	0.29	0.063J	0.58	0.190J	ND	ND	0.49J	ND	0.25J	0.8	1	3.9	56	110
Chrysene	0.48	0.93	0.12J	**1.20**	0.420J	ND	ND	**1J**	ND	0.48 J1F2F1	1	1	3.9	56	110
Dibenz(a,h)anthracene	0.1J	0.160J	ND	0.24J	ND	ND	ND	ND	ND	ND	0.33	0.33	0.33	0.56	1.1
Dibenzofuran	0.066J	0.070J	ND	0.048J	ND	ND	ND	ND	ND	ND	7	14	59	350	1,000
Fluoranthene	0.46	1.10	130J	1.70	0.690J	0.170J	ND	2J	ND	0.840 J1F2F1	100	100	100	500	1,000
Fluorene	ND	0.061J	ND	0.06	ND	ND	ND	0.25J	ND	ND	30	100	100	500	1,000
Indeno(1,2,3-cd)pyrene	0.27	0.42	ND	**0.76**	0.200J	ND	ND	0.36J	ND	0.26 J F2	0.5	0.5	0.5	5.6	11
Naphthalene	0.11J	0.12	ND	0.07	ND	ND	ND	ND	ND	ND	12	100	100	500	1,000
Phenanthrene	0.50	1.10	0.86J	1.10	ND	ND	ND	1.3J	ND	0.39	100	100	100	500	1,000
Pyrene	0.47	1.30	0.13J	1.80	ND	0.150J	ND	1.4J	ND	0.79 J F2 F1	100	100	100	500	1,000

ND Analyte not detected
\- Not Applicable or sample not tested for this analyte
J Estimated Concentration
B Anaalyte detected in method blank
K Result is reported as Benzo(b)fluoranthene
E Results exceeded calibration range
F1 MS and or MSD recovery exceeds control limits
T Result is Tentatively Identifies Compound and an estimated value

13.0 Analyte detected
Reported concentration greater than or equal to the NYSDEC Unrestricted SCO
Reported concentration greater than or equal to the NYSDEC Residential SCO
Reported concentration greater than or equal to the NYSDEC Restricted Residential SCO
Reported concentration greater than or equal to the NYSDEC Commercial SCO
Reported concentration greater than or equal to the NYSDEC Industrial SCO

Montgomery Street Projects - 14-17 Montgomery Street Other Parcels
Hudson, New York
Subsurface Soil Assessment - 12-4/5-2024

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS

Parameter Tested	Phase II Report - Sample Identification, Sample Depth in feet below ground surface (bgs), and Sample Date										NYSDEC Soil Cleanup Objectives (SCOs)				
	BH11 1-2	BH12 1-3ft	BH13 1-3ft	BH14 2-4ft	BH15 1-4ft	BH16 1-4ft	BH17 1-3ft	BH18 2-4ft	BH19 1-3ft	BH20 1-3ft					
	7/12/2024										Unrestricted	Residential	Restricted Residential	Commerical	Industrial
METALS/INORGANICS															
Arsenic	13.3 F1	**17.10**	8.10	45.60	**13.30**	**26.80**	**16.20**	**52.60**	10.00	16.00	13	16	16	16	16
Barium	167.00	297.00	175.00	171.00	131.00	103.00	246.00	116.00	136.00	117.00	350	350	400	400	10,000
Beryllium	1.00	1.10	0.50	0.91	1.10	1.00	1.20	0.92	1.10	0.69	7.2	14	72	590	2,700
Cadmium	0.18 J	1.30	0.49	**6.00**	0.13J	0.42	0.51	0.14J	0.32	0.40	2.5	2.5	4.3	9.3	60
Chromium	10.60	26.70	10.10	11.60	6.30	13.50	22.70	7.60	21.10	14.10	30	36	180	1,500	6,800
Copper	**22.50**	**156.00**	**141.00**	**78.40**	48.10	**112.00**	48.00	**25.90**	33.20	27.30	50	270	270	270	10,000
Lead	**163.00**	**508.00**	**250.00**	**3390.00**	**82.00**	**154.00**	**491.00**	**143.00**	**76.10**	**110.00**	63	400	400	1,000	3,900
Manganese	520.00	696.00	582.00	675.00	691.00	287.00	568.00	408.00	531.00	187.00	1,600	2,000	2,000	10,000	10,000
Mercury	0.290	1.400	6.40	**0.74**	**0.36**	0.17	**0.72**	0.37	0.13	0.097	0.18	0.81	0.81	2.8	5.7
Nickel	10.60	25.80	11.50	22.20	10.50	21.20	22.10	9.60	26.40	21.40	30	140	310	310	10,000
Selenium	ND	1.9J	1.5J	ND	ND	2.4J	1.4J	ND	1.2J	2.4J	3.9	36	1,500	1,500	6,800
Silver	ND	0.56J	0.28J	0.38J	ND	ND	0.49J	ND	0.33J	ND	2	36	1,500	1,500	6,800
Zinc	104.00	449.00	**194.00**	**1140.00**	72.40	94.80	**227.00**	**144.00**	82.90	264.00	109	2,200	10,000	10,000	10,000
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)															
Acenaphthene	ND	ND	ND	1.8J	ND	0.200J	ND	0.390J	ND	ND	20	100	100	500	1,000
Acenaphthylene	ND	ND	0,260J	0.77J	0.140J	0.13J	0.054J	ND	ND	ND	100	100	100	500	1,000
Anthracene	ND	ND	ND	4.10	0.270J	0.51J	0.059J	0.81J	ND	ND	100	100	100	500	1,000
Benzo(a)anthracene	0.5J	0.78	0.690J	**8.30**	0.94J	**1.20**	0.41	**2.10**	0.850J	0.380J	1	1	1	5.6	11
Benzo(a)pyrene	0.55 J	0.96	0.96	**7.70**	0.63J	**1.10**	0.41	**1.90**	0.740J	0.440J	1	1	1	1	1.1
Benzo(b)fluoranthene	0.66 J	**1.2J**	**1.3**	**8.20**	0.360J	**1.40**	0.50	**2.40**	**1.1J**	0.75J	1	1	1	5.6	11
Benzo(g,h,i)perylene	0.4 J	0.820J	0.81J	4.80	0.41J	0.76J	0.26	1.20	0.440J	0.40J	100	100	100	500	1,000
Benzo(k)fluoranthene	ND	0.5J	0.47J	**4.10**	0.36J	0.54J	0.23	**1.00**	0.48J	0.290J	0.8	1	3.9	56	110
Chrysene	ND	0.94J	0.82J	**8.60**	0.91	**1.40**	0.45	**2.30**	0.830J	0.68J	1	1	3.9	56	110
Dibenz(a,h)anthracene	ND	ND	0.23J	**1.4J**	ND	0.22J	0.077J	**0.40J**	ND	ND	0.33	0.33	0.33	0.56	1.1
Dibenzofuran	ND	ND	ND	0.75J	ND	0.19J	ND	0.34J	ND	ND	7	14	59	350	1,000
Fluoranthene	0.77 JF2	1.3J	0.88J	18.00	1.90	3.00	0.69	5.10	1.600J	1.10J	100	100	100	500	1,000
Fluorene	ND	ND	ND	1.7J	ND	0.21J	ND	0.43J	ND	ND	30	100	100	500	1,000
Indeno(1,2,3-cd)pyrene	ND	ND	**0.65J**	3.90	0.34J	**0.65J**	**0.22**	**1.10**	0.410J	0.350J	0.5	0.5	0.5	5.6	11
Naphthalene	ND	0.61	ND	0.61J	ND	0.13J	ND	0.21J	ND	ND	12	100	100	500	1,000
Phenanthrene	ND	0.47J	0.32J	20.00	1.0J	2.70	0.25	4.90	ND	0.950J	100	100	100	500	1,000
Pyrene	0.640J	1.1J	0.80J	19.00	1.40	2.50	0.61	4.00	1.30J	0.810J	100	100	100	500	1,000

ND Analyte not detected
13.0 Analyte detected
\- Not Applicable or sample not tested for this analyte
J Estimated Concentration
B Anaalyte detected in method blank
K Result is reported as Benzo(b)fluoranthene
E Results exceeded calibration range
F1 MS and or MSD recovery exceeds control limits
T Result is Tentatively Identifies Compound and an estimated value

Reported concentration greater than or equal to the NYSDEC Unrestricted SCO
Reported concentration greater than or equal to the NYSDEC Residential SCO
Reported concentration greater than or equal to the NYSDEC Restricted Residential SCO
Reported concentration greater than or equal to the NYSDEC Commercial SCO
Reported concentration greater than or equal to the NYSDEC Industrial SCO

Montgomery Street Projects - 14-17 Montgomery Street Other Parcels
Hudson, New York
Subsurface Soil Assessment - 12-4/5-2024

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS

Parameter Tested	Phase II Report - Sample Identification, Sample Depth in feet below ground surface (bgs), and Sample Date										NYSDEC Soil Cleanup Objectives (SCOs)				
	BH21 1-3ft	BH22 1-3ft	BH23 1-3ft	BH24 1-3ft	BH25 1-3ft	BH26 1-3ft	NS1 1ft	NS2 1ft	NS3 1ft		Unrestricted	Residential	Restricted Residential	Commerical	Industrial
	7/12/2024														
METALS/INORGANICS															
Arsenic	11.20	8.90	**27.40**	**61.40**	**29.30**	**14.60**	6.40	**33.30**	6.30		13	16	16	16	16
Barium	100.00	88.10	152.00	118.00	**373.00**	233.00	108.00	122.00	115.00		350	350	400	400	10,000
Beryllium	1.40	0.69	0.87	0.83	0.93	0.95	0.80	1.30	0.65		7.2	14	72	590	2,700
Cadmium	0.13J	0.44	0.56	0.29	0.22J	0.70	0.28	0.33	0.16J		2.5	2.5	4.3	9.3	60
Chromium	6.40	16.80	12.30	12.00	23.80	23.80	21.60	17.40	16.10		30	36	180	1,500	6,800
Copper	20.50	**60.30**	**93.30**	**33.90**	64.10	**133.00**	28.60	**249.00**	**25.50**		50	270	270	270	10,000
Lead	**161.00**	**97.30**	**279.00**	**108.00**	42.10	**193.00**	42.90	**370.00**	**27.70**		63	400	400	1,000	3,900
Manganese	609.00	501.00	1070.00	1180.00	**2110.00**	865.00	830.00	167.00	1020.00		1,600	2,000	2,000	10,000	10,000
Mercury	0.110	0.150	**0.52**	**0.22**	0.11	**0.40**	0.053	0.13	0.03		0.18	0.81	0.81	2.8	5.7
Nickel	35.30	22.50	23.40	27.90	**65.90**	**35.80**	**30.40**	21.70	24.80		30	140	310	310	10,000
Selenium	ND	ND	ND	1.3J	ND	**ND**	ND	ND	ND		3.9	36	1,500	1,500	6,800
Silver	ND	ND	ND	ND	0.30J	0.46J	0.33J	ND	ND		2	36	1,500	1,500	6,800
Zinc	69.50	126 F1	**253.00**	107.00	107.00	**250.00**	99.80	96.80	89.50		109	2,200	10,000	10,000	10,000
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)															
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND		20	100	100	500	1,000
Acenaphthylene	170J	0.630J	0.230J	0.710J	ND	ND	ND	0.350J	ND		100	100	100	500	1,000
Anthracene	ND	0.590J	0.45J	ND	ND	0.270J	ND	ND	ND		100	100	100	500	1,000
Benzo(a)anthracene	0.460J	**2.20**	**1.8**	**1.30J**	0.220J	**1.00**	0.550J	**1.60J**	0.084J		1	1	1	5.6	11
Benzo(a)pyrene	0.450J	**2.00**	**1.6**	**1.90**	0.170J	0.920J	0.670J	**1.60J**	0.084J		1	1	1	1	1.1
Benzo(b)fluoranthene	0.710J	**2.60**	**1.90**	**3.00**	0.250J	**1.20**	0.720J	**2.0J**	0.11J		1	1	1	5.6	11
Benzo(g,h,i)perylene	0.360J	1.3J	1	1.50J	0.120J	0.560J	0.550J	1.30	0.071J		100	100	100	500	1,000
Benzo(k)fluoranthene	0.280J	**1.2J**	**0.85J**	**1.30J**	ND	0.50J	0.280J	**0.810J**	0.043J		0.8	1	3.9	56	110
Chrysene	0.580J	**2.30**	**1.8**	**2.50**	0.280J	**1.00**	0.630J	**1.80J**	0.0 90		1	1	3.9	56	110
Dibenz(a,h)anthracene	ND	**0.410J**	0.27J	**0.47J**	ND	ND	ND	ND	ND		0.33	0.33	0.33	0.56	1.1
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND		7	14	59	350	1,000
Fluoranthene	0.860J	4.10	3.9	5.40	0.30J	2.00	1.20J	3.30	0.150J		100	100	100	500	1,000
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND		30	100	100	500	1,000
Indeno(1,2,3-cd)pyrene	0.290J	**1.10J**	0.890J	**1.40J**	ND	**0.520J**	0.390J	**1.0J**	0.054J		0.5	0.5	0.5	5.6	11
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND		12	100	100	500	1,000
Phenanthrene	0.420J	1.90	2.4	2.80	0.19J	1.10	0.650J	1.50J	0.092J		100	100	100	500	1,000
Pyrene	0.760J	3.60	3.1	3.50	0.270J	1.60	1.40J	3.00	0.160J		100	100	100	500	1,000

ND Analyte not detected
13.0 Analyte detected
\- Not Applicable or sample not tested for this analyte
J Estimated Concentration
B Anaalyte detected in method blank
K Result is reported as Benzo(b)fluoranthene
E Results exceeded calibration range
F1 MS and or MSD recovery exceeds control limits
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Reported concentration greater than or equal to the NYSDEC Unrestricted SCO
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Reported concentration greater than or equal to the NYSDEC Restricted Residential SCO
Reported concentration greater than or equal to the NYSDEC Commercial SCO
Reported concentration greater than or equal to the NYSDEC Industrial SCO

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS

Parameter Tested	Phase II Report - Sample Identification, Sample Depth in feet below ground surface (bgs), and Sample Date										NYSDEC Soil Cleanup Objectives (SCOs)				
	BH27 3-6ft	BH29 2-5ft	BH30 2-5ft	BH31 2-3ft	BH32 2-3ft	BH33 2-4ft	BH34 1-3ft	BH36 2-4ft	BH37 2-4ft	BH38 2-4ft					
	3-Apr										Unrestricted	Residential	Restricted Residential	Commerical	Industrial
METALS/INORGANICS															
Arsenic	12.30	12.40	10.80	10.2F1F2	9.70	**13.00**	**17.30**	8.20	12.70	**24.90**	13	16	16	16	16
Barium	191.00	68.80	145.00	149F1	243.00	204.00	**840.00**	127.00	163.00	**432.00**	350	350	400	400	10,000
Beryllium	0.94	1.00	0.98	1.5F! F2B	2.2B	1.20	0.90	0.81	1.20	1.0 B	7.2	14	72	590	2,700
Cadmium	0.47	0.17J	0.17J	ND	0.60	0.35	1.50	0.24	0.54	0.67J	2.5	2.5	4.3	9.3	60
Chromium	24.90	6.10	9.10	5.3F1F2	11.50	10.10	25.70	13.40	13.80	29.90	30	36	180	1,500	6,800
Copper	44.20	12.90	26.50	10.3F1F2	28.00	47.10	**109.00**	29.20	35.00	**77.70**	50	270	270	270	10,000
Lead	**228.00**	**93.70**	**181.00**	**102F1F2**	**350.00**	**356.00**	**740.00**	**112.00**	**744F2**	**225.00**	63	400	400	1,000	3,900
Manganese	711.00	323.00	760.00	611F2	1000.00	665.00	642.00	691.00	455BF1	647.00	1,600	2,000	2,000	10,000	10,000
Mercury	**0.230**	0.095	0.89	**0.21F1**	**0.80**	**0.24**	**0.60**	**0.52**	0.74 F1F2	**0.40**	0.18	0.81	0.81	2.8	5.7
Nickel	19.40	19.80	13.60	102F1F2	11.60	3.70	20.80	16.30	16.10	18.6B	30	140	310	310	10,000
Selenium	1.1J	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	3.9	36	1,500	1,500	6,800
Silver	0.56J	ND	0.26	ND	0.33J	0.41	0.80J	0.30J	ND	ND	2	36	1,500	1,500	6,800
Zinc	**233.00**	49.00	73.80	37.8F1F2	**183.00**	**194.00**	490.00	107.00	254.00	**225.00**	109	2,200	10,000	10,000	10,000
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)															
Acenaphthene	ND	ND	ND	ND	0.038J	ND	ND	0.060J	ND	5.5F1F2	20	100	100	500	1,000
Acenaphthylene	0.088J	0.046J	0.150J	0.082J	0.23	0.036J	0.220J	0.42	ND	7.30F2	100	100	100	500	1,000
Anthracene	ND	ND	0.14J	ND	0.17J	ND	0.140J	0.350J	ND	16.00F2	100	100	100	500	1,000
Benzo(a)anthracene	0.10J	0.220J	0.7	0.17J	0.71	0.26	0.47	**0.97**	0.250J	**28.0F2**	1	1	1	5.6	11
Benzo(a)pyrene	0.16J	0.210J	0.81	0.21J	0.86	0.25	0.55	**1.30**	0.270J	**36.0F2**	1	1	1	1	1.1
Benzo(b)fluoranthene	0.18J	0.230J	**1.1**	0.27	**1.00**	0.34	0.88	1.30	0.360J	**34.00F2**	1	1	1	5.6	11
Benzo(g,h,i)perylene	0.29J	0.110J	0.61	0.21J	0.78	0.14J	0.48	1.00	0.13J	34.0F2	100	100	100	500	1,000
Benzo(k)fluoranthene	0.094J	0.160J	0.39	0.12J	0.54	0.13J	0.34J	0.63	0.16J	**13.00**	0.8	1	3.9	56	110
Chrysene	0.15J	0.23	0.87	0.21J	0.87	0.26	0.66	**1.20**	0.280J	**31F2**	1	1	3.9	56	110
Dibenz(a,h)anthracene	ND	ND	0.18J	0.048J	0.24	0.055J	0.14J	0.26J	ND	**6.0F1F2**	0.33	0.33	0.33	0.56	1.1
Dibenzofuran	ND	ND	0.069J	ND	0.052J	ND	ND	0.058J	ND	3.7F1F2	7	14	59	350	1,000
Fluoranthene	0.30J	0.30	1.6	0.31	1.30	0.40	1.40	2.10	0.410J	97.0F2	100	100	100	500	1,000
Fluorene	ND	ND	0.064	ND	0.06	ND	ND	0.17J	ND	13.0F2	30	100	100	500	1,000
Indeno(1,2,3-cd)pyrene	0.16J	0.098J	**0.54**	0.16J	**0.66**	0.13J	0.39J	**0.76**	ND	**22.0F2**	0.5	0.5	0.5	5.6	11
Naphthalene	ND	ND	0.68J	ND	0.086J	ND	ND	0.098J	0.120J	**15.0F2**	12	100	100	500	1,000
Phenanthrene	0.24J	0.160J	1.2	0.17J	0.73	0.16J	0.90	1.90	0.130J	**130.0F2**	100	100	100	500	1,000
Pyrene	0.28J	0.25	1.3	0.30	1.10	0.33	1.10	2.50	0.330J	**110.0F2**	100	100	100	500	1,000

ND Analyte not detected
\- Not Applicable or sample not tested for this analyte
J Estimated Concentration
B Anaalyte detected in method blank
K Result is reported as Benzo(b)fluoranthene
E Results exceeded calibration range
F1 MS and or MSD recovery exceeds control limits
T Result is Tentatively Identifies Compound and an estimated value

13.0 Analyte detected
Reported concentration greater than or equal to the NYSDEC Unrestricted SCO
Reported concentration greater than or equal to the NYSDEC Residential SCO
Reported concentration greater than or equal to the NYSDEC Restricted Residential SCO
Reported concentration greater than or equal to the NYSDEC Commercial SCO
Reported concentration greater than or equal to the NYSDEC Industrial SCO

APPENDICES

APPENDIX A

Field Activity Photolog

Photolog

Date: 12/4/24

1. View of Borehole 1 (BH1) facing east from Front Street

2. Location of BH1 facing north

Niagara Engineering

3. BH1 soil cores

4. Location of borehole 2 (BH2) facing east

Photolog

Date: 12/4/24

5. Location of BH2 facing southwest

6. Soil cores from BH2

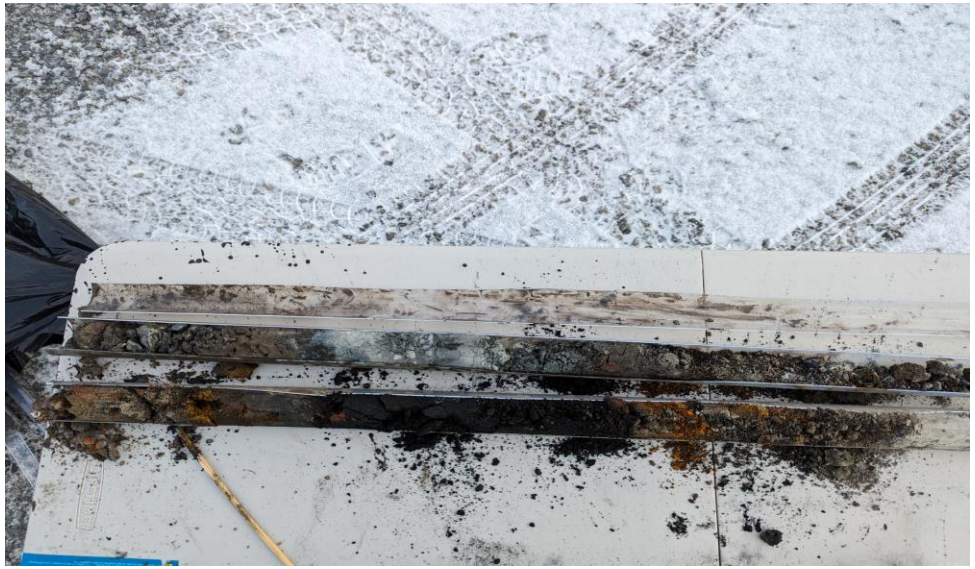
Niagara Engineering

7. Location of Borehole 3 (BH3) facing east

8. Location of BH3 facing north

Photolog

Date: 12/4/24



9. Soil Cores BH3

10. Location of Borehole 4 (BH4) facing northeast

Niagara Engineering

11. Locations of BH4 facing northeast

12. Location Borehole BH4 facing west

Photolog

Date: 12/4/24

13. Soil Cores BH4

14. Location of Borehole 5 (BH5) facing north

Niagara Engineering

15. BH5 facing east

16. Soil cores BH5

Photolog

Date: 12/4/24

17. View of location of Borehole (BH6) facing east

18. BH6 location facing north

Niagara Engineering

19. Soil core from BH6

20. Location of Borehole 7 (BH7) facing north

Photolog

Date: 12/4/24

21. View of location of BH7 facing southwest

22. BH7 soil cores

Niagara Engineering

23. Location of Borehole 8 facing west

24. Location of BH8 facing north

Photolog

Date: 12/4/24

25. Soil cores BH8

26. Location of Borehole 9 facing north

Niagara Engineering

27. Location of BH9 facing southwest

28. Soil cores BH9

Photolog

Date: 12/4/24

29. Location of Borehole 10 (BH10) facing southeast

30. Location of BH10 facing southwest

Niagara Engineering

31. Soil cores BH10

32. Location of Borehole 11 (BH11) facing northeast. Note Wick Hotel and historic Robert Taylor house in the background

Photolog

Date: 12/4/24

33. Location of BH11 facing southwest

34. Soil cores BH11

Niagara Engineering

35. Location of Borehole 12 (BH12) facing north

36. Location of Borehole BH12 facing west.

Photolog

Date: 12/4/24

37. Soil cores BH12

38. Location of Borehole 13 (BH13) facing north

Niagara Engineering

39. Location of BH13 facing southwest

40. Location of Borehole 14 (BH14) facing northeast.

Photolog

Date: 12/4/24

41. Location of BH14 facing southwest

42. Soil cores BH14

Niagara Engineering

43. Location of Borehole 15 (BH15) facing southeast

44. Location of Borehole BH15 facing west.

Photolog

Date: 12/4/24

45. Soil cores BH15

46. Location of Borehole 16 (BH16) facing northeast

Niagara Engineering

47. Location of BH16 facing east

48. Soil cores BH16.

Photolog

Date: 12/4/24

49. Location of Borehole 17 (BH17) facing northwest

50. Location of BH17 facing north

Niagara Engineering

51. Location of Borehole BH17 facing northwest

52. Soil cores BH17.

Photolog

Date: 12/4/24

53. Location of Borehole 18 (BH18) facing north

54. Location of BH18 facing northwest

Niagara Engineering

55. Soil cores BH-18

56. Location of Borehole 19 (BH19) facing north.

Photolog

Date: 12/4/24

57. Location of BH19 facing east

58. Soil core BH19

Niagara Engineering

59. Location of Borehole 20 facing southwest

60. Location of BH20 facing northeast.

Photolog

Date: 12/4-5/24

61. Soil core BH20

62. Location of Borehole 21 (BH21) facing southeast

Niagara Engineering

63. Location of BH21 facing southwest

64. Soil cores BH21

Photolog

Date: 12/5/24

65. Location of Near Surface Sample 1 (NS1) facing west

66. Location of NS1 facing east

Niagara Engineering

67. Soil and NS1 holes

68. Location of Near Surface Sample 2 (NS2) facing east

Photolog

Date: 12/5/24

69. Location of Near Surface Sample 2 (NS2) facing west

70. Soil from NS2 near surface hole

Niagara Engineering

71. Location of Near Surface Soil Sample 3 (NS3) facing east

72. Location of NS3 facing west

Photolog

Date: 12/5/24

73. Soli from NS3

74. Location of Borehole 22 (BH22) facing south

Niagara Engineering

75. Location of BH22 facing west

76. Soil core BH22

Photolog

Date: 12/5/24

77. Location of Borehole 23 (BH23) facing north

78. Location of BH23 facing west

Niagara Engineering

79. Soil core BH23

80. Location of Borehole 24 (BH24) facing southwest

Photolog

Date: 12/5/24

81. Location of BH24 facing south

82. Soil core BH24

Niagara Engineering

83. Location of Borehole 25 (BH25) facing north

84. Location of BH25 facing west

Photolog

Date: 12/5/24

85. Soil core BH25

86. Location of Borehole 26 (BH26) facing north

Niagara Engineering

87. Location of Borehole BH26 facing east

88. Soil Cores BH26

Photolog

Date: 4/3/25

89. Soil boring BH27

90. Location of Borehole 27

Niagara Engineering

91. BH27 soil cores

92. Location of BH28

Photolog

Date: 4/3/25

93. Location of BH28

94. Soil cores BH28

Niagara Engineering

95. Location of BH-29

96. Location of BH29

Photolog

Date: 4/3/25

97. Soil cores BH29

98. Location of BH30

Niagara Engineering

99. Location of BH30

100. Soil cores BH30

Photolog

Date: 4/3/25

101. Location of BH31

102. Location of BH31

Niagara Engineering

103. Soil cores BH31

104. Location of BH32

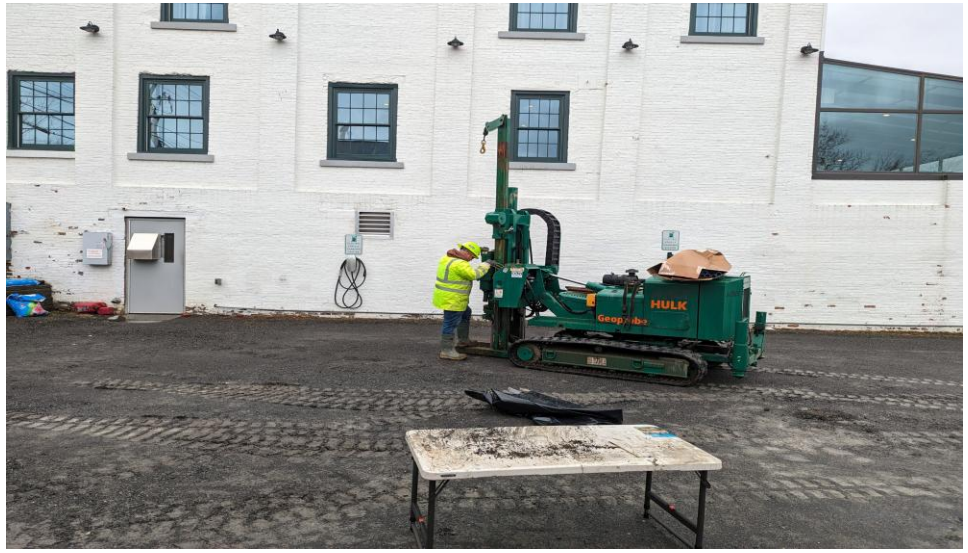
Photolog

Date: 4/3/25

105. Location of BH32

106. Soil cores BH32

Niagara Engineering



107. Location of BH33

108. Location of BH33

Photolog

Date: 4/3/25

109. Soil cores BH33

110. Location of BH34

Niagara Engineering

111. Location of BH34

112. Soil cores BH34

Photolog

Date: 4/3/25

113. Location of BH35

114. Location of BH35

Niagara Engineering

115. Location of BH36

116. Location of BH36

Photolog

Date: 4/3/25

117. Soil cores 36

118. Location of BH37

Niagara Engineering

119. Location of BH37

120. Soil cores BH37

Photolog

Date: 4/3/25

121. Location of BH38

122. Location of BH38

Niagara Engineering

123. Soil cores BH38

124. Location of BH38

APPENDIX B

Boring Logs

Geoprobe

Bore Hole Log

Niagara Engineering

Project:			**14-17 Montgomery Street Project, Hudson, New York Phase II**
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH1**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					0-0.5 feet- gravel
1					
2					
3					
4					
5					
6					
7					
8					1-8 feet - Black Silt, sand & gravel with cinder
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill
No odor. No water encountered.
Soil Sample collected at 1-4 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:			**14-17 Montgomery Street Project, Hudson, New York Phase II**
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH2**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					0-1 feet - gravel
2					
3					
4					
5					
6					
7					
8					1-8 feet - Black Silt, sand & pea gravel with cinder. Wet at 7-8 feet
9					
10					
11					
12					8-12 feet - black fill with silt, sand, gravel with some rust colored areas
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill
No odor. Wet at 7-8 feet.
Soil Sample collected at 1-4 feet

Geoprobe
Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH3**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					0-1 feet - gravel
2					
3					
4					1-4 feet - black silt, sand, gravel & cinder with red rust in some spots
5					
6					
7					
8					4-8 feet - brown sandy silt, gravel, cement. Moist at 8 feet
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill
No odor. Moist at 8 feet
Soil Sample collected at 1-4 feet

Geoprobe
Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH4**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					0-1 feet - gravel
2					
3					
4					1-4 feet - black silt, sand, gravel & cinder with slag
5					
6					
7					
8					4-8 feet - black silt, sand, gravel, cinder & slag. Wet at 8 feet
9					
10					8-10 feet - sand and gravel - wet
11					
12					soft sandy silty clay - moist
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 8 feet
No odor. wet at 8-10 feet
Soil Sample collected at 1-4 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH5**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					
3					
4					0-4 feet - sandy silt with brick, coal-cinder with silty clay at 4 feet
5					
6					4-6 feet - silt with gravel & balck cinder and soft silty clay at 6 feet
7					
					6-7.5 feet - grey silty clay
8					7.5-8 feet - sand
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 6 feet
No odor.
Soil Sample collected at 1-4 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH6**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					0-0.5 feet - gravel
1					
2					
3					
4					0.5-4 feet - sandy silt fill with coal-cinder and slag
					end of boring
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 4 feet
No odor.
Soil Sample collected at 1-4 feet

Geoprobe
Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH7**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					
3					
4					0-4 feet - wood, sandy silt fill with coal-cinder with sandy silty clay at 4ft
5					
6					
7					
8					4-8 - silty clay with gravel - black, moist
					borehole end
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 8 feet
No odor. Moist at 8 feet
Soil Sample collected at 1-4 feet
Note, boring completed through crack-hole in former building slab

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH8**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					
3					
4					0-4 feet - sandy silt fill with gravel, slag
5					
6					
7					4-7 feet - soft sandy silt fill with brick, slag
8					7-8 - silty clay with gravel - black, moist
					borehole end
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 8 feet
No odor. Moist at 8 feet
Soil Sample collected at 1-4 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:			**14-17 Montgomery Street Project, Hudson, New York Phase II**
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH9**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					0-0.5 - asphalt
1					
2					
3					1-3 feet - brown silty clay with gravel
4					3-4 feet - gravel, slag moist
5					
6					4-6 feet - silt with gravel, slag - moist
7					
8					
9					
10					6-10 feet - soft sandy silty clay with gravel - moist
11					10-11 feet - black soft silty sandy clay - moist
12					11-12 feet - grey soft silty sandy clay - moist
					borehole end
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 8 feet
No odor. Moist at 6-8 feet
Soil Sample collected at 2-4 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH10**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					0-2 feet - sandy silty clay with cement, brick, stone
					Refusal at 2 feet
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: refusal at 2 feet -moved acouple feet and refusal at 2 feet again - possibly cement or other debris
No odor.
Soil Sample collected at 0-2 feet - from second 2-foot core

Geoprobe
Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH11**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					0-1 feet - broken up asphalt
2					
3					1-3 feet - brown stiff silty clay with stone
4					3-4 feet - grey stiff silty clay with stone
5					
6					4-6 feet - grey soft moist silty clay
7					
8					6-8 woody, silt and gravel - moist
					borhole end
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor. Moist at 6 feet
Soil Sample collected at 1-2 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH12**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					
3					
4					0-4 feet - peaty silt soil - black towards 4 feet
5					
6					
7					
8					4-8 feet - sandy silty clay - wet
					borhole end
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor. Wet at 6-8 feet
Soil Sample collected at 1-3 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH13**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					
3					
4					0-4 feet - silty clay fill, peaty towards 3-4 feet
5					
6					4-6 feet - silty clay fill - wet
7					
8					6-8 feet - sandy silty clay
					borhole end
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor. Wet at 4-6 feet
Soil Sample collected at 1-3 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH14**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					0-2 feet - silty fill
3					
4					
5					
6					2-6 feet - silt fill with stone, brick, caol and slag
7					
8					6-8 feet - sandy silty clay - wet
					borhole end
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor. Wet at 6 feet
Soil Sample collected at 2-4 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH15**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					0-1 feet - silty fill
1					
2					
3					
4					1-4 feet - black silt, sand, cinder fill with some stone
5					
6					
7					
8					4-8 feet - soft silty clay. Grey-black towards 8 feet - moist
					borhole end
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor. Moist at 8 feet
Soil Sample collected at 1-4 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH16**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					0-1 feet - gravel
1					
2					
3					
4					1-4 feet - black silt, sand, cinder fill with some stone
5					
6					
7					
8					4-8 feet - soft silty clay. Grey-black towards 8 feet - wet
					borhole end
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor. wet at 8 feet
Soil Sample collected at 1-4 feet

Geoprobe
Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH17**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					
3					
4					0-4 feet - silt, sand, brick, stone fill
5					
6					
7					
8					4-8 feet - grey soft silty clay - moist
					borhole end
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor. moist at 8 feet
Soil Sample collected at 1-3 feet

Geoprobe
Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH18**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					
3					0-3 feet - silt, sand, gravel brown
4					3-4 feet - silt, sand, cinder black fill
5					
6					
7					
8					4-8 feet - black-grey silty clay
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor.
Soil Sample collected at 2-4 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH19**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					
3					0-3.5 feet - silty clay fill with brick and coal
4					3.5-4 feet - wood
					4.5 feet refusal mulch wood
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor.
Soil Sample collected at 1-3 feet

Geoprobe
Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH20**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					
3					
4					04- feet - silt, sand gravel fill with black cinder towards 3-4 feet
					Refusal - cement at 4 feet
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor.
Soil Sample collected at 1-3 feet

Geoprobe
Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH21**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					
3					
4					0-4- feet - silt, sand fill with black cinder
5					
6					
7					
8					4-8 feet - grey silty clay - wet
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor.
Soil Sample collected at 1-3 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH22**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					
3					
4					0-4- feet - silt, sand fill with black cinder-cert and stone
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor.
Soil Sample collected at 1-3 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH23**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					
3					
4					0-4- feet - silt, sand fill with black cinder and gravel. Moist at 4 feet
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor. Moist at 4 feet
Soil Sample collected at 1-3 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH24**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					
3					
4					0-4- feet - silt, sand fill with black cinder and gravel.
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor.
Soil Sample collected at 1-3 feet

Geoprobe
Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH25**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					0-2 feet - silty topsoil
3					2-3 feet - cement
4					3-4- feet - silt, sand fill with black cinder and gravel.
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor.
Soil Sample collected at 1-3 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH26**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					0-2 feet - silt fill with cinder and brick
3					2-3 feet - cement
4					3-4- feet - silt fill
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor.
Soil Sample collected at 1-3 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	4/3/2025	Equipment Model:	Geoprobe
Date Completed:	4/3/2025	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH27**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					0-0.5 feet - gravel
1					
2					
3					
4					0.5-4 feet - sandy silt fill with stone, cement, coal-cinder and slag
5					4-5 feet - sandy silt fill with stone
6					
7					
8					5-8 feet - silty clay black-grey
					end of boring
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 5 feet
No odor.
Soil Sample collected at 3-6 feet

Geoprobe
Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	4/3/2025	Equipment Model:	Geoprobe
Date Completed:	4/3/2025	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH28**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					0-0.5 feet - gravel
1					
2					0.5-2 feet - brick
3					
4					
5					2-5 feet - stone
					end of boring
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 5 feet
No odor.
No Soil Sample collected

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	4/3/2025	Equipment Model:	Geoprobe
Date Completed:	4/3/2025	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH29**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					0-0.5 feet - gravel
1					
2					
3					
4					0.5-4 feet - clayey silt fill -black with some stone
5					
6					
7					
8					4-8 feet - sandy silt with stone, brick, blue-torquise
					End of Boring
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 8 feet
No odor.
Soil Sample collected from 2-5 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	4/3/2025	Equipment Model:	Geoprobe
Date Completed:	4/3/2025	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH30**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					0-0.5 feet - gravel
1					
2					
3					
4					
5					0.5-5 feet- sandy silt Fill with stone and cinder
6					
7					
8					5-8 feet - silty clay - grey
					End of Boring
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 5 feet
No odor.
Soil Sample collected from 2-5 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	4/3/2025	Equipment Model:	Geoprobe
Date Completed:	4/3/2025	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH31**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					0-0.5 feet - gravel
1					
2					
3					0.5-3 feet - silt fill with stone, cinder
4					3-4 feet - light brownsandy silty clay
5					
6					
7					
8					4-8 feet - sandy, silty clay - light grey
					End of Boring
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 5 feet
No odor.
Soil Sample collected from 2-3 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	Ben Fain	Location:	14-17 Montgomery St & other Parcels, Hudson, NY
Contractor:	Trec	Lat/Long:	
Date Started:	4/3/2025	Equipment Model:	Geoprobe
Date Completed:	4/3/2025	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH32**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					0-0.5 feet - gravel
1					
2					0.5-2 feet - fill, brick
3					
4					2-4 feet - light brown sandy silty clay
					end of boring
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 2-3 feet
No odor.
Soil Sample collected from 2-3 feet

Geoprobe
Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	4/3/2025	Equipment Model:	Geoprobe
Date Completed:	4/3/2025	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH33**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					0-0.5 feet - gravel
1					
2					
3					
4					0.5-4 feet - sandy, silty fill with brick and stone
					end of boring
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 4 feet
No odor.
Soil Sample collected from 2-4 feet

Geoprobe
Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	4/3/2025	Equipment Model:	Geoprobe
Date Completed:	4/3/2025	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH34**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					
3					
4					0-4 feet - sandy, silty fill with brick and stone and some clay.
					end of boring
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 4 feet
No odor.
Soil Sample collected from 1-3 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	4/3/2025	Equipment Model:	Geoprobe
Date Completed:	4/3/2025	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH35**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					
2					0-2 feet - sandy silt fill
3					
4					2-4 feet - light brown silty clay.
					end of boring
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 4 feet
No odor.
No Soil Sample collected

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	4/3/2025	Equipment Model:	Geoprobe
Date Completed:	4/3/2025	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH36**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					0-0.5- gravel
1					
2					
3					
4					0.5-4 feet -sandy silty fill and light brown silty clay.
					end of boring
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 4 feet
No odor.
Soil Sample collected - 2-4 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	4/3/2025	Equipment Model:	Geoprobe
Date Completed:	4/3/2025	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH37**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					0-0.5- gravel
1					
2					
3					
4					0.5-4 feet -sandy silty fill, cinder, brick - dark brown-black.
5					
6					4-6 feet - sand and gravel - very wet
					end of boring
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 4 feet
No odor.
Soil Sample collected - 2-4 feet

Geoprobe

Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Ben Fain**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	4/3/2025	Equipment Model:	Geoprobe
Date Completed:	4/3/2025	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**BH38**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					0-0.5- gravel
1					
2					
3					
4					0.5-4 feet -sandy silty fill, cinder, brick - dark brown-black.
					end of boring
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments: fill to at least 4 feet
No odor.
Soil Sample collected - 2-4 feet

Geoprobe/Shovel Bore Hole Log

Niagara Engineering

Project:			**14-17 Montgomery Street Project, Hudson, New York Phase II**
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**NS1**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					0-1 - silty sand - black
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor. Shovel hole as geoprobe could not access area
Soil Sample collected at 1 foot

Geoprobe/Shovel Bore Hole Log

Niagara Engineering

Project:		14-17 Montgomery Street Project, Hudson, New York Phase II	
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**NS2**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					0-1 - silt, sand, cinder, concrete, slag
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor. Shovel hole as geoprobe could not access area
Soil Sample collected at 1 foot

Geoprobe/Shovel Bore Hole Log

Niagara Engineering

Project:			**14-17 Montgomery Street Project, Hudson, New York Phase II**
Client:	**Montgomery St Projects LLC -Ben**	Location:	**14-17 Montgomery St & other Parcels, Hudson, NY**
Contractor:	Trec	Lat/Long:	
Date Started:	12/4/2024	Equipment Model:	Geoprobe
Date Completed:	12/4/2024	Geologist/Technician:	Peter J Gorton
Operator:	Trec	Ground Water:	N/A
Bore Hole Number:	**NS3**	Depth to Bedrock:	N/A

Depth (Ft)	Sample NO	Sample TYPE	REC	PID (ppm)	Description
0					
1					0-1 - brown sandy siltwith stone
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments:
No odor. Shovel hole as geoprobe could not access area
Soil Sample collected at 1 foot

APPENDIX C

Laboratory Data

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Peter Gorton
Professional Drafting Services/PDS
255 Geat Arrow Avenue
Suite 102
Buffalo, New York 14207

Generated 12/12/2024 10:15:17 AM

JOB DESCRIPTION

14 - 17 Montgomery St. - Hudson, NY

JOB NUMBER

480-226018-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

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Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
^5+	Linear Range Check (LRC) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
480-226018-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 12/6/2024 11:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

GC/MS Semi VOA
Method 8270D: Due to the matrix, the following sample could not be concentrated to the final method required volume: BH7 1-4FT (480-226018-7). The reporting limits (RLs) are elevated proportionately.

Method 8270D: The following samples were diluted due to color, appearance, and viscosity: BH5 1-4FT (480-226018-5), BH7 1-4FT (480-226018-7), BH6 1-4FT (480-226018-6), BH8 1-4FT (480-226018-8), BH9 2-4FT (480-226018-9), BH10 0-2FT (480-226018-10), (480-226018-A-10-A MS), (480-226018-A-10-B MSD), BH11 1-2FT (480-226018-11), BH12 1-3FT (480-226018-12), BH13 1-3FT (480-226018-13), BH14 2-4FT (480-226018-14), BH15 1-4FT (480-226018-15), BH16 1-4FT (480-226018-16), BH18 2-4FT (480-226018-18), BH19 1-3FT (480-226018-19), BH20 1-3FT (480-226018-20), BH21 1-3FT (480-226018-21), BH22 1-3FT (480-226018-22), BH23 1-3FT (480-226018-23), BH24 1-3FT (480-226018-24), BH25 1-3FT (480-226018-25), BH26 1-3FT (480-226018-26), NS1 1FT (480-226018-27) and NS2 1FT (480-226018-28). Elevated reporting limits (RL) are provided.

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-734574 and analytical batch 480-734691 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8270D: The following sample was diluted due to the nature of the sample matrix: BH7 1-4FT (480-226018-7). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-734671 and analytical batch 480-734834 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010C: The low level continuing calibration verification (CCVL) for analytical batch 480-734866 recovered above the upper control limit for (Lead). The samples associated with this CCVL contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples BH7 1-4FT (480-226018-7), BH8 1-4FT (480-226018-8), BH9 2-4FT (480-226018-9), BH10 0-2FT (480-226018-10), BH11 1-2FT (480-226018-11), BH12 1-3FT (480-226018-12), BH13 1-3FT (480-226018-13), BH14 2-4FT (480-226018-14), BH15 1-4FT (480-226018-15), BH16 1-4FT (480-226018-16), BH17 1-3FT (480-226018-17), BH18 2-4FT (480-226018-18), BH19 1-3FT (480-226018-19) and BH20 1-3FT (480-226018-20) was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Client Sample ID: BH1 1-4FT — Lab Sample ID: 480-226018-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	58	J	190	25	ug/Kg	1	☼	8270D	Total/NA
Anthracene	54	J	190	47	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)anthracene	310		190	19	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)pyrene	340		190	28	ug/Kg	1	☼	8270D	Total/NA
Benzo(b)fluoranthene	510		190	30	ug/Kg	1	☼	8270D	Total/NA
Benzo(g,h,i)perylene	340		190	20	ug/Kg	1	☼	8270D	Total/NA
Benzo(k)fluoranthene	240		190	25	ug/Kg	1	☼	8270D	Total/NA
Chrysene	480		190	43	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	100	J	190	34	ug/Kg	1	☼	8270D	Total/NA
Dibenzofuran	66	J	190	22	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	460		190	20	ug/Kg	1	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	270		190	23	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	110	J	190	25	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	500		190	28	ug/Kg	1	☼	8270D	Total/NA
Pyrene	470		190	22	ug/Kg	1	☼	8270D	Total/NA
Arsenic	13.9		2.2	0.97	mg/Kg	1	☼	6010C	Total/NA
Barium	118		0.55	0.15	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.95		0.22	0.044	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.63		0.22	0.077	mg/Kg	1	☼	6010C	Total/NA
Chromium	11.8		0.55	0.40	mg/Kg	1	☼	6010C	Total/NA
Copper	39.9		1.1	0.63	mg/Kg	1	☼	6010C	Total/NA
Lead	243		1.1	0.51	mg/Kg	1	☼	6010C	Total/NA
Manganese	331		1.1	0.31	mg/Kg	1	☼	6010C	Total/NA
Nickel	14.0		5.5	0.28	mg/Kg	1	☼	6010C	Total/NA
Selenium	2.0	J	4.4	0.88	mg/Kg	1	☼	6010C	Total/NA
Zinc	453		2.2	1.1	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.32	F1 F2	0.023	0.0053	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH2 1-4FT — Lab Sample ID: 480-226018-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	33	J	190	28	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	62	J	190	25	ug/Kg	1	☼	8270D	Total/NA
Anthracene	120	J	190	47	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)anthracene	550		190	19	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)pyrene	580		190	28	ug/Kg	1	☼	8270D	Total/NA
Benzo(b)fluoranthene	870		190	30	ug/Kg	1	☼	8270D	Total/NA
Benzo(g,h,i)perylene	540		190	20	ug/Kg	1	☼	8270D	Total/NA
Benzo(k)fluoranthene	290		190	25	ug/Kg	1	☼	8270D	Total/NA
Chrysene	930		190	43	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	160	J	190	34	ug/Kg	1	☼	8270D	Total/NA
Dibenzofuran	70	J	190	22	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	1100		190	20	ug/Kg	1	☼	8270D	Total/NA
Fluorene	61	J	190	22	ug/Kg	1	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	420		190	24	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	120	J	190	25	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	1100		190	28	ug/Kg	1	☼	8270D	Total/NA
Pyrene	1300		190	22	ug/Kg	1	☼	8270D	Total/NA
Arsenic	6.9		2.4	1.0	mg/Kg	1	☼	6010C	Total/NA
Barium	80.8		0.59	0.17	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.0		0.24	0.048	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BH2 1-4FT (Continued)

Lab Sample ID: 480-226018-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.085	J	0.24	0.083	mg/Kg	1	☼	6010C	Total/NA
Chromium	8.7		0.59	0.43	mg/Kg	1	☼	6010C	Total/NA
Copper	12.7		1.2	0.68	mg/Kg	1	☼	6010C	Total/NA
Lead	92.6		1.2	0.55	mg/Kg	1	☼	6010C	Total/NA
Manganese	259		1.2	0.33	mg/Kg	1	☼	6010C	Total/NA
Nickel	8.5		5.9	0.30	mg/Kg	1	☼	6010C	Total/NA
Zinc	147		2.4	1.2	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.24		0.022	0.0051	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH3 1-4FT

Lab Sample ID: 480-226018-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	90	J	230	23	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)pyrene	100	J	230	33	ug/Kg	1	☼	8270D	Total/NA
Benzo(b)fluoranthene	160	J	230	36	ug/Kg	1	☼	8270D	Total/NA
Benzo(g,h,i)perylene	89	J	230	24	ug/Kg	1	☼	8270D	Total/NA
Benzo(k)fluoranthene	63	J	230	29	ug/Kg	1	☼	8270D	Total/NA
Chrysene	120	J	230	51	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	130	J	230	24	ug/Kg	1	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	72	J	230	28	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	86	J	230	33	ug/Kg	1	☼	8270D	Total/NA
Pyrene	130	J	230	27	ug/Kg	1	☼	8270D	Total/NA
Arsenic	15.6		2.8	1.2	mg/Kg	1	☼	6010C	Total/NA
Barium	163		0.71	0.20	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.8		0.28	0.057	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.52		0.28	0.099	mg/Kg	1	☼	6010C	Total/NA
Chromium	15.5		0.71	0.51	mg/Kg	1	☼	6010C	Total/NA
Copper	184		1.4	0.81	mg/Kg	1	☼	6010C	Total/NA
Lead	723		1.4	0.65	mg/Kg	1	☼	6010C	Total/NA
Manganese	785		1.4	0.40	mg/Kg	1	☼	6010C	Total/NA
Nickel	14.5		7.1	0.35	mg/Kg	1	☼	6010C	Total/NA
Silver	0.66	J	0.85	0.28	mg/Kg	1	☼	6010C	Total/NA
Zinc	361		2.8	1.4	mg/Kg	1	☼	6010C	Total/NA
Mercury	1.2		0.027	0.0061	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH4 1-4FT

Lab Sample ID: 480-226018-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	240	J	250	32	ug/Kg	1	☼	8270D	Total/NA
Anthracene	170	J	250	61	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)anthracene	930		250	25	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)pyrene	1100		250	36	ug/Kg	1	☼	8270D	Total/NA
Benzo(b)fluoranthene	1600		250	39	ug/Kg	1	☼	8270D	Total/NA
Benzo(g,h,i)perylene	950		250	26	ug/Kg	1	☼	8270D	Total/NA
Benzo(k)fluoranthene	580		250	32	ug/Kg	1	☼	8270D	Total/NA
Chrysene	1200		250	55	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	240	J	250	44	ug/Kg	1	☼	8270D	Total/NA
Dibenzofuran	48	J	250	29	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	1700		250	26	ug/Kg	1	☼	8270D	Total/NA
Fluorene	56	J	250	29	ug/Kg	1	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	760		250	31	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	68	J	250	32	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BH4 1-4FT (Continued)

Lab Sample ID: 480-226018-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	1100		250	36	ug/Kg	1	☼	8270D	Total/NA
Pyrene	1800		250	29	ug/Kg	1	☼	8270D	Total/NA
Arsenic	18.8		3.1	1.4	mg/Kg	1	☼	6010C	Total/NA
Barium	248		0.78	0.22	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.3		0.31	0.062	mg/Kg	1	☼	6010C	Total/NA
Cadmium	1.6		0.31	0.11	mg/Kg	1	☼	6010C	Total/NA
Chromium	26.8		0.78	0.56	mg/Kg	1	☼	6010C	Total/NA
Copper	149		1.6	0.89	mg/Kg	1	☼	6010C	Total/NA
Lead	1130		1.6	0.72	mg/Kg	1	☼	6010C	Total/NA
Manganese	666		1.6	0.44	mg/Kg	1	☼	6010C	Total/NA
Nickel	35.6		7.8	0.39	mg/Kg	1	☼	6010C	Total/NA
Selenium	2.3	J	6.2	1.2	mg/Kg	1	☼	6010C	Total/NA
Silver	0.54	J	0.93	0.31	mg/Kg	1	☼	6010C	Total/NA
Zinc	505		3.1	1.6	mg/Kg	1	☼	6010C	Total/NA
Mercury	1.1		0.030	0.0069	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH5 1-4FT

Lab Sample ID: 480-226018-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	300	J	1000	100	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)pyrene	330	J	1000	150	ug/Kg	5	☼	8270D	Total/NA
Benzo(b)fluoranthene	450	J	1000	160	ug/Kg	5	☼	8270D	Total/NA
Benzo(g,h,i)perylene	230	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Benzo(k)fluoranthene	190	J	1000	130	ug/Kg	5	☼	8270D	Total/NA
Chrysene	420	J	1000	220	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	690	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	200	J	1000	120	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	460	J	1000	150	ug/Kg	5	☼	8270D	Total/NA
Pyrene	610	J	1000	120	ug/Kg	5	☼	8270D	Total/NA
Arsenic	20.2		2.2	0.98	mg/Kg	1	☼	6010C	Total/NA
Barium	257		0.56	0.16	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.2		0.22	0.045	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.70		0.22	0.078	mg/Kg	1	☼	6010C	Total/NA
Chromium	23.5		0.56	0.40	mg/Kg	1	☼	6010C	Total/NA
Copper	135		1.1	0.64	mg/Kg	1	☼	6010C	Total/NA
Lead	639		1.1	0.51	mg/Kg	1	☼	6010C	Total/NA
Manganese	377		1.1	0.31	mg/Kg	1	☼	6010C	Total/NA
Nickel	21.5		5.6	0.28	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.8	J	4.5	0.89	mg/Kg	1	☼	6010C	Total/NA
Silver	0.51	J	0.67	0.22	mg/Kg	1	☼	6010C	Total/NA
Zinc	494		2.2	1.1	mg/Kg	1	☼	6010C	Total/NA
Mercury	2.1		0.12	0.028	mg/Kg	5	☼	7471B	Total/NA

Client Sample ID: BH6 1-4FT

Lab Sample ID: 480-226018-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(b)fluoranthene	160	J	1000	160	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	170	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Pyrene	150	J	1000	120	ug/Kg	5	☼	8270D	Total/NA
Arsenic	9.1		2.6	1.1	mg/Kg	1	☼	6010C	Total/NA
Barium	158		0.65	0.18	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.1		0.26	0.052	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BH6 1-4FT (Continued)

Lab Sample ID: 480-226018-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.47		0.26	0.090	mg/Kg	1	☼	6010C	Total/NA
Chromium	18.9		0.65	0.46	mg/Kg	1	☼	6010C	Total/NA
Copper	42.4		1.3	0.74	mg/Kg	1	☼	6010C	Total/NA
Lead	220		1.3	0.59	mg/Kg	1	☼	6010C	Total/NA
Manganese	519		1.3	0.36	mg/Kg	1	☼	6010C	Total/NA
Nickel	18.0		6.5	0.32	mg/Kg	1	☼	6010C	Total/NA
Silver	0.30	J	0.77	0.26	mg/Kg	1	☼	6010C	Total/NA
Zinc	213		2.6	1.3	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.60		0.024	0.0056	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH7 1-4FT

Lab Sample ID: 480-226018-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.7		3.0	1.3	mg/Kg	1	☼	6010C	Total/NA
Barium	109		0.74	0.21	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.89		0.30	0.059	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.46		0.30	0.10	mg/Kg	1	☼	6010C	Total/NA
Chromium	25.9		0.74	0.54	mg/Kg	1	☼	6010C	Total/NA
Copper	66.8		1.5	0.85	mg/Kg	1	☼	6010C	Total/NA
Lead	28.3	^+	1.5	0.68	mg/Kg	1	☼	6010C	Total/NA
Manganese	791		1.5	0.42	mg/Kg	1	☼	6010C	Total/NA
Nickel	28.9		7.4	0.37	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.4	J	5.9	1.2	mg/Kg	1	☼	6010C	Total/NA
Zinc	135		3.0	1.5	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.041		0.031	0.0070	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH8 1-4FT

Lab Sample ID: 480-226018-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	1100	J	2100	210	ug/Kg	10	☼	8270D	Total/NA
Benzo(a)pyrene	850	J	2100	310	ug/Kg	10	☼	8270D	Total/NA
Benzo(b)fluoranthene	950	J	2100	340	ug/Kg	10	☼	8270D	Total/NA
Benzo(g,h,i)perylene	410	J	2100	230	ug/Kg	10	☼	8270D	Total/NA
Benzo(k)fluoranthene	490	J	2100	280	ug/Kg	10	☼	8270D	Total/NA
Chrysene	1000	J	2100	480	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	2000	J	2100	230	ug/Kg	10	☼	8270D	Total/NA
Fluorene	250	J	2100	250	ug/Kg	10	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	360	J	2100	260	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	1300	J	2100	310	ug/Kg	10	☼	8270D	Total/NA
Pyrene	1400	J	2100	250	ug/Kg	10	☼	8270D	Total/NA
Arsenic	7.8		2.5	1.1	mg/Kg	1	☼	6010C	Total/NA
Barium	124		0.61	0.17	mg/Kg	1	☼	6010C	Total/NA
Beryllium	2.4		0.25	0.049	mg/Kg	1	☼	6010C	Total/NA
Chromium	5.9		0.61	0.44	mg/Kg	1	☼	6010C	Total/NA
Copper	9.7		1.2	0.70	mg/Kg	1	☼	6010C	Total/NA
Lead	260	^+	1.2	0.56	mg/Kg	1	☼	6010C	Total/NA
Manganese	576		1.2	0.34	mg/Kg	1	☼	6010C	Total/NA
Nickel	5.7	J	6.1	0.31	mg/Kg	1	☼	6010C	Total/NA
Silver	0.29	J	0.74	0.25	mg/Kg	1	☼	6010C	Total/NA
Zinc	232		2.5	1.3	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.71		0.025	0.0057	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Client Sample ID: BH9 2-4FT — Lab Sample ID: 480-226018-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.5		2.5	1.1	mg/Kg	1	☼	6010C	Total/NA
Barium	196		0.62	0.17	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.2		0.25	0.049	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.26		0.25	0.086	mg/Kg	1	☼	6010C	Total/NA
Chromium	15.5		0.62	0.44	mg/Kg	1	☼	6010C	Total/NA
Copper	27.4		1.2	0.70	mg/Kg	1	☼	6010C	Total/NA
Lead	173	^+	1.2	0.57	mg/Kg	1	☼	6010C	Total/NA
Manganese	991		1.2	0.34	mg/Kg	1	☼	6010C	Total/NA
Nickel	16.3		6.2	0.31	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.6	J	4.9	0.98	mg/Kg	1	☼	6010C	Total/NA
Silver	0.36	J	0.74	0.25	mg/Kg	1	☼	6010C	Total/NA
Zinc	175		2.5	1.3	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.32		0.024	0.0056	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH10 0-2FT — Lab Sample ID: 480-226018-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	460	J F2 F1	1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)pyrene	460	J F2 F1	1100	150	ug/Kg	5	☼	8270D	Total/NA
Benzo(b)fluoranthene	610	J F2 F1	1100	170	ug/Kg	5	☼	8270D	Total/NA
Benzo(g,h,i)perylene	300	J F2	1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo(k)fluoranthene	250	J	1100	140	ug/Kg	5	☼	8270D	Total/NA
Chrysene	480	J F2 F1	1100	240	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	840	J F2 F1	1100	110	ug/Kg	5	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	260	J F2	1100	130	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	390	J F2 F1	1100	150	ug/Kg	5	☼	8270D	Total/NA
Pyrene	730	J F2 F1	1100	120	ug/Kg	5	☼	8270D	Total/NA
Arsenic	7.1		2.5	1.1	mg/Kg	1	☼	6010C	Total/NA
Barium	154		0.63	0.18	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.1		0.25	0.051	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.33		0.25	0.088	mg/Kg	1	☼	6010C	Total/NA
Chromium	14.6		0.63	0.46	mg/Kg	1	☼	6010C	Total/NA
Copper	33.0		1.3	0.72	mg/Kg	1	☼	6010C	Total/NA
Lead	110	^+	1.3	0.58	mg/Kg	1	☼	6010C	Total/NA
Manganese	897		1.3	0.35	mg/Kg	1	☼	6010C	Total/NA
Nickel	18.3		6.3	0.32	mg/Kg	1	☼	6010C	Total/NA
Silver	0.29	J	0.76	0.25	mg/Kg	1	☼	6010C	Total/NA
Zinc	145		2.5	1.3	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.14		0.026	0.0060	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH11 1-2FT — Lab Sample ID: 480-226018-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	500	J	3600	360	ug/Kg	20	☼	8270D	Total/NA
Benzo(a)pyrene	550	J	3600	530	ug/Kg	20	☼	8270D	Total/NA
Benzo(b)fluoranthene	660	J	3600	570	ug/Kg	20	☼	8270D	Total/NA
Benzo(g,h,i)perylene	400	J	3600	380	ug/Kg	20	☼	8270D	Total/NA
Fluoranthene	770	J F2	3600	380	ug/Kg	20	☼	8270D	Total/NA
Pyrene	640	J	3600	420	ug/Kg	20	☼	8270D	Total/NA
Arsenic	13.3	F1	2.1	0.94	mg/Kg	1	☼	6010C	Total/NA
Barium	167		0.54	0.15	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.0		0.21	0.043	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Client Sample ID: BH11 1-2FT (Continued) — Lab Sample ID: 480-226018-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.18	J	0.21	0.075	mg/Kg	1	☼	6010C	Total/NA
Chromium	10.6		0.54	0.39	mg/Kg	1	☼	6010C	Total/NA
Copper	22.5		1.1	0.61	mg/Kg	1	☼	6010C	Total/NA
Lead	163	^+	1.1	0.49	mg/Kg	1	☼	6010C	Total/NA
Manganese	520		1.1	0.30	mg/Kg	1	☼	6010C	Total/NA
Nickel	10.6		5.4	0.27	mg/Kg	1	☼	6010C	Total/NA
Zinc	104		2.1	1.1	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.29		0.021	0.0048	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH12 1-3FT — Lab Sample ID: 480-226018-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	780	J	2300	230	ug/Kg	10	☼	8270D	Total/NA
Benzo(a)pyrene	960	J	2300	340	ug/Kg	10	☼	8270D	Total/NA
Benzo(b)fluoranthene	1200	J	2300	360	ug/Kg	10	☼	8270D	Total/NA
Benzo(g,h,i)perylene	820	J	2300	240	ug/Kg	10	☼	8270D	Total/NA
Benzo(k)fluoranthene	500	J	2300	300	ug/Kg	10	☼	8270D	Total/NA
Chrysene	940	J	2300	510	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	1300	J	2300	240	ug/Kg	10	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	610	J	2300	280	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	470	J	2300	340	ug/Kg	10	☼	8270D	Total/NA
Pyrene	1100	J	2300	270	ug/Kg	10	☼	8270D	Total/NA
Arsenic	17.1		2.8	1.2	mg/Kg	1	☼	6010C	Total/NA
Barium	297		0.71	0.20	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.1		0.28	0.057	mg/Kg	1	☼	6010C	Total/NA
Cadmium	1.3		0.28	0.099	mg/Kg	1	☼	6010C	Total/NA
Chromium	26.7		0.71	0.51	mg/Kg	1	☼	6010C	Total/NA
Copper	156		1.4	0.81	mg/Kg	1	☼	6010C	Total/NA
Lead	508	^+	1.4	0.65	mg/Kg	1	☼	6010C	Total/NA
Manganese	696		1.4	0.40	mg/Kg	1	☼	6010C	Total/NA
Nickel	25.8		7.1	0.35	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.9	J	5.7	1.1	mg/Kg	1	☼	6010C	Total/NA
Silver	0.56	J	0.85	0.28	mg/Kg	1	☼	6010C	Total/NA
Zinc	449		2.8	1.4	mg/Kg	1	☼	6010C	Total/NA
Mercury	1.4		0.028	0.0064	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH13 1-3FT — Lab Sample ID: 480-226018-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	260	J	1000	130	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)anthracene	690	J	1000	100	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)pyrene	960	J	1000	150	ug/Kg	5	☼	8270D	Total/NA
Benzo(b)fluoranthene	1300		1000	160	ug/Kg	5	☼	8270D	Total/NA
Benzo(g,h,i)perylene	810	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Benzo(k)fluoranthene	470	J	1000	130	ug/Kg	5	☼	8270D	Total/NA
Chrysene	820	J	1000	230	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	230	J	1000	180	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	880	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	650	J	1000	130	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	320	J	1000	150	ug/Kg	5	☼	8270D	Total/NA
Pyrene	800	J	1000	120	ug/Kg	5	☼	8270D	Total/NA
Arsenic	8.1		2.4	1.0	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Client Sample ID: BH13 1-3FT (Continued) — Lab Sample ID: 480-226018-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	175		0.60	0.17	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.50		0.24	0.048	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.49		0.24	0.083	mg/Kg	1	☼	6010C	Total/NA
Chromium	10.1		0.60	0.43	mg/Kg	1	☼	6010C	Total/NA
Copper	141		1.2	0.68	mg/Kg	1	☼	6010C	Total/NA
Lead	250	^+	1.2	0.55	mg/Kg	1	☼	6010C	Total/NA
Manganese	582		1.2	0.33	mg/Kg	1	☼	6010C	Total/NA
Nickel	11.5		6.0	0.30	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.5	J	4.8	0.95	mg/Kg	1	☼	6010C	Total/NA
Silver	0.28	J	0.71	0.24	mg/Kg	1	☼	6010C	Total/NA
Zinc	194		2.4	1.2	mg/Kg	1	☼	6010C	Total/NA
Mercury	6.4		0.12	0.027	mg/Kg	5	☼	7471B	Total/NA

Client Sample ID: BH14 2-4FT — Lab Sample ID: 480-226018-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	1800	J	2100	310	ug/Kg	10	☼	8270D	Total/NA
Acenaphthylene	770	J	2100	280	ug/Kg	10	☼	8270D	Total/NA
Anthracene	4100		2100	530	ug/Kg	10	☼	8270D	Total/NA
Benzo(a)anthracene	8300		2100	210	ug/Kg	10	☼	8270D	Total/NA
Benzo(a)pyrene	7700		2100	310	ug/Kg	10	☼	8270D	Total/NA
Benzo(b)fluoranthene	8200		2100	340	ug/Kg	10	☼	8270D	Total/NA
Benzo(g,h,i)perylene	4800		2100	230	ug/Kg	10	☼	8270D	Total/NA
Benzo(k)fluoranthene	4100		2100	280	ug/Kg	10	☼	8270D	Total/NA
Chrysene	8600		2100	480	ug/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	1400	J	2100	380	ug/Kg	10	☼	8270D	Total/NA
Dibenzofuran	750	J	2100	250	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	18000		2100	230	ug/Kg	10	☼	8270D	Total/NA
Fluorene	1700	J	2100	250	ug/Kg	10	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	3900		2100	260	ug/Kg	10	☼	8270D	Total/NA
Naphthalene	610	J	2100	280	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	20000		2100	310	ug/Kg	10	☼	8270D	Total/NA
Pyrene	19000		2100	250	ug/Kg	10	☼	8270D	Total/NA
Arsenic	45.6		2.6	1.1	mg/Kg	1	☼	6010C	Total/NA
Barium	171		0.65	0.18	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.91		0.26	0.052	mg/Kg	1	☼	6010C	Total/NA
Cadmium	6.0		0.26	0.091	mg/Kg	1	☼	6010C	Total/NA
Chromium	11.6		0.65	0.47	mg/Kg	1	☼	6010C	Total/NA
Copper	78.4		1.3	0.74	mg/Kg	1	☼	6010C	Total/NA
Lead	3390	^+	1.3	0.60	mg/Kg	1	☼	6010C	Total/NA
Manganese	675		1.3	0.36	mg/Kg	1	☼	6010C	Total/NA
Nickel	22.2		6.5	0.33	mg/Kg	1	☼	6010C	Total/NA
Silver	0.38	J	0.78	0.26	mg/Kg	1	☼	6010C	Total/NA
Zinc	1140		2.6	1.3	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.74		0.025	0.0058	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH15 1-4FT — Lab Sample ID: 480-226018-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	140	J	1100	140	ug/Kg	5	☼	8270D	Total/NA
Anthracene	270	J	1100	270	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)anthracene	940	J	1100	110	ug/Kg	5	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: BH15 1-4FT (Continued)
Lab Sample ID: 480-226018-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)pyrene	630	J	1100	160	ug/Kg	5	☼	8270D	Total/NA
Benzo(b)fluoranthene	950	J	1100	170	ug/Kg	5	☼	8270D	Total/NA
Benzo(g,h,i)perylene	410	J	1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo(k)fluoranthene	360	J	1100	140	ug/Kg	5	☼	8270D	Total/NA
Chrysene	910	J	1100	240	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	1900		1100	110	ug/Kg	5	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	340	J	1100	130	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	1000	J	1100	160	ug/Kg	5	☼	8270D	Total/NA
Pyrene	1400		1100	130	ug/Kg	5	☼	8270D	Total/NA
Arsenic	13.3		2.5	1.1	mg/Kg	1	☼	6010C	Total/NA
Barium	131		0.61	0.17	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.1		0.25	0.049	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.13	J	0.25	0.086	mg/Kg	1	☼	6010C	Total/NA
Chromium	6.3		0.61	0.44	mg/Kg	1	☼	6010C	Total/NA
Copper	48.1		1.2	0.70	mg/Kg	1	☼	6010C	Total/NA
Lead	82.0	^+	1.2	0.56	mg/Kg	1	☼	6010C	Total/NA
Manganese	691		1.2	0.34	mg/Kg	1	☼	6010C	Total/NA
Nickel	10.5		6.1	0.31	mg/Kg	1	☼	6010C	Total/NA
Zinc	72.4		2.5	1.3	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.36		0.027	0.0061	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH16 1-4FT
Lab Sample ID: 480-226018-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	200	J	1000	150	ug/Kg	5	☼	8270D	Total/NA
Acenaphthylene	130	J	1000	130	ug/Kg	5	☼	8270D	Total/NA
Anthracene	510	J	1000	260	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)anthracene	1200		1000	100	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)pyrene	1100		1000	150	ug/Kg	5	☼	8270D	Total/NA
Benzo(b)fluoranthene	1400		1000	160	ug/Kg	5	☼	8270D	Total/NA
Benzo(g,h,i)perylene	760	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Benzo(k)fluoranthene	640	J	1000	130	ug/Kg	5	☼	8270D	Total/NA
Chrysene	1400		1000	230	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	220	J	1000	180	ug/Kg	5	☼	8270D	Total/NA
Dibenzofuran	190	J	1000	120	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	3000		1000	110	ug/Kg	5	☼	8270D	Total/NA
Fluorene	210	J	1000	120	ug/Kg	5	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	650	J	1000	130	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	130	J	1000	130	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	2700		1000	150	ug/Kg	5	☼	8270D	Total/NA
Pyrene	2500		1000	120	ug/Kg	5	☼	8270D	Total/NA
Arsenic	26.8		2.6	1.2	mg/Kg	1	☼	6010C	Total/NA
Barium	103		0.66	0.18	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.0		0.26	0.053	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.42		0.26	0.092	mg/Kg	1	☼	6010C	Total/NA
Chromium	13.5		0.66	0.47	mg/Kg	1	☼	6010C	Total/NA
Copper	112		1.3	0.75	mg/Kg	1	☼	6010C	Total/NA
Lead	154	^+	1.3	0.61	mg/Kg	1	☼	6010C	Total/NA
Manganese	287		1.3	0.37	mg/Kg	1	☼	6010C	Total/NA
Nickel	21.2		6.6	0.33	mg/Kg	1	☼	6010C	Total/NA
Selenium	2.4	J	5.3	1.1	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BH16 1-4FT (Continued) — Lab Sample ID: 480-226018-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	94.8		2.6	1.3	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.17		0.026	0.0060	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH17 1-3FT — Lab Sample ID: 480-226018-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	54	J	220	28	ug/Kg	1	☼	8270D	Total/NA
Anthracene	59	J	220	53	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)anthracene	410		220	22	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)pyrene	410		220	32	ug/Kg	1	☼	8270D	Total/NA
Benzo(b)fluoranthene	500		220	34	ug/Kg	1	☼	8270D	Total/NA
Benzo(g,h,i)perylene	260		220	23	ug/Kg	1	☼	8270D	Total/NA
Benzo(k)fluoranthene	230		220	28	ug/Kg	1	☼	8270D	Total/NA
Chrysene	450		220	48	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	77	J	220	38	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	690		220	23	ug/Kg	1	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	220		220	27	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	250		220	32	ug/Kg	1	☼	8270D	Total/NA
Pyrene	610		220	25	ug/Kg	1	☼	8270D	Total/NA
Arsenic	16.2		2.7	1.2	mg/Kg	1	☼	6010C	Total/NA
Barium	246		0.67	0.19	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.2		0.27	0.054	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.51		0.27	0.094	mg/Kg	1	☼	6010C	Total/NA
Chromium	22.7		0.67	0.48	mg/Kg	1	☼	6010C	Total/NA
Copper	48.0		1.3	0.76	mg/Kg	1	☼	6010C	Total/NA
Lead	491	^+	1.3	0.62	mg/Kg	1	☼	6010C	Total/NA
Manganese	568		1.3	0.38	mg/Kg	1	☼	6010C	Total/NA
Nickel	22.1		6.7	0.34	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.4	J	5.4	1.1	mg/Kg	1	☼	6010C	Total/NA
Silver	0.49	J	0.80	0.27	mg/Kg	1	☼	6010C	Total/NA
Zinc	227		2.7	1.4	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.72		0.026	0.0060	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH18 2-4FT — Lab Sample ID: 480-226018-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	390	J	990	150	ug/Kg	5	☼	8270D	Total/NA
Anthracene	810	J	990	250	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)anthracene	2100		990	99	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)pyrene	1900		990	150	ug/Kg	5	☼	8270D	Total/NA
Benzo(b)fluoranthene	2400		990	160	ug/Kg	5	☼	8270D	Total/NA
Benzo(g,h,i)perylene	1200		990	110	ug/Kg	5	☼	8270D	Total/NA
Benzo(k)fluoranthene	1000		990	130	ug/Kg	5	☼	8270D	Total/NA
Chrysene	2300		990	220	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	400	J	990	180	ug/Kg	5	☼	8270D	Total/NA
Dibenzofuran	340	J	990	120	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	5100		990	110	ug/Kg	5	☼	8270D	Total/NA
Fluorene	430	J	990	120	ug/Kg	5	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	1100		990	120	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	210	J	990	130	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	4900		990	150	ug/Kg	5	☼	8270D	Total/NA
Pyrene	4000		990	120	ug/Kg	5	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BH18 2-4FT (Continued) — Lab Sample ID: 480-226018-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	52.6		2.5	1.1	mg/Kg	1	☼	6010C	Total/NA
Barium	116		0.62	0.17	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.92		0.25	0.050	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.14	J	0.25	0.087	mg/Kg	1	☼	6010C	Total/NA
Chromium	7.6		0.62	0.45	mg/Kg	1	☼	6010C	Total/NA
Copper	25.9		1.2	0.71	mg/Kg	1	☼	6010C	Total/NA
Lead	143	^+	1.2	0.57	mg/Kg	1	☼	6010C	Total/NA
Manganese	408		1.2	0.35	mg/Kg	1	☼	6010C	Total/NA
Nickel	9.6		6.2	0.31	mg/Kg	1	☼	6010C	Total/NA
Zinc	144		2.5	1.3	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.37		0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH19 1-3FT — Lab Sample ID: 480-226018-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	850	J	2100	210	ug/Kg	10	☼	8270D	Total/NA
Benzo(a)pyrene	740	J	2100	310	ug/Kg	10	☼	8270D	Total/NA
Benzo(b)fluoranthene	1100	J	2100	330	ug/Kg	10	☼	8270D	Total/NA
Benzo(g,h,i)perylene	440	J	2100	220	ug/Kg	10	☼	8270D	Total/NA
Benzo(k)fluoranthene	480	J	2100	270	ug/Kg	10	☼	8270D	Total/NA
Chrysene	830	J	2100	470	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	1600	J	2100	220	ug/Kg	10	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	410	J	2100	260	ug/Kg	10	☼	8270D	Total/NA
Pyrene	1300	J	2100	250	ug/Kg	10	☼	8270D	Total/NA
Arsenic	10		2.6	1.1	mg/Kg	1	☼	6010C	Total/NA
Barium	136		0.64	0.18	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.1		0.26	0.051	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.32		0.26	0.090	mg/Kg	1	☼	6010C	Total/NA
Chromium	21.1		0.64	0.46	mg/Kg	1	☼	6010C	Total/NA
Copper	33.2		1.3	0.73	mg/Kg	1	☼	6010C	Total/NA
Lead	76.1	^+	1.3	0.59	mg/Kg	1	☼	6010C	Total/NA
Manganese	531		1.3	0.36	mg/Kg	1	☼	6010C	Total/NA
Nickel	26.4		6.4	0.32	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.2	J	5.1	1.0	mg/Kg	1	☼	6010C	Total/NA
Silver	0.33	J	0.77	0.26	mg/Kg	1	☼	6010C	Total/NA
Zinc	82.9		2.6	1.3	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.13		0.027	0.0061	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH20 1-3FT — Lab Sample ID: 480-226018-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	380	J	1900	190	ug/Kg	10	☼	8270D	Total/NA
Benzo(a)pyrene	440	J	1900	280	ug/Kg	10	☼	8270D	Total/NA
Benzo(b)fluoranthene	750	J	1900	300	ug/Kg	10	☼	8270D	Total/NA
Benzo(g,h,i)perylene	400	J	1900	200	ug/Kg	10	☼	8270D	Total/NA
Benzo(k)fluoranthene	290	J	1900	240	ug/Kg	10	☼	8270D	Total/NA
Chrysene	680	J	1900	420	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	1100	J	1900	200	ug/Kg	10	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	350	J	1900	230	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	950	J	1900	280	ug/Kg	10	☼	8270D	Total/NA
Pyrene	810	J	1900	220	ug/Kg	10	☼	8270D	Total/NA
Arsenic	16.0		2.2	0.98	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BH20 1-3FT (Continued)

Lab Sample ID: 480-226018-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	117		0.56	0.16	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.69		0.22	0.045	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.40		0.22	0.078	mg/Kg	1	☼	6010C	Total/NA
Chromium	14.1		0.56	0.40	mg/Kg	1	☼	6010C	Total/NA
Copper	27.3		1.1	0.64	mg/Kg	1	☼	6010C	Total/NA
Lead	110	^+	1.1	0.51	mg/Kg	1	☼	6010C	Total/NA
Manganese	187		1.1	0.31	mg/Kg	1	☼	6010C	Total/NA
Nickel	21.4		5.6	0.28	mg/Kg	1	☼	6010C	Total/NA
Selenium	2.4	J	4.5	0.89	mg/Kg	1	☼	6010C	Total/NA
Zinc	264		2.2	1.1	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.097		0.022	0.0050	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH21 1-3FT

Lab Sample ID: 480-226018-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	170	J	1000	140	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)anthracene	460	J	1000	100	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)pyrene	450	J	1000	150	ug/Kg	5	☼	8270D	Total/NA
Benzo(b)fluoranthene	710	J	1000	170	ug/Kg	5	☼	8270D	Total/NA
Benzo(g,h,i)perylene	360	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Benzo(k)fluoranthene	280	J	1000	140	ug/Kg	5	☼	8270D	Total/NA
Chrysene	580	J	1000	230	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	860	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	290	J	1000	130	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	420	J	1000	150	ug/Kg	5	☼	8270D	Total/NA
Pyrene	760	J	1000	120	ug/Kg	5	☼	8270D	Total/NA
Arsenic	11.2		2.5	1.1	mg/Kg	1	☼	6010C	Total/NA
Barium	100		0.61	0.17	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.4		0.25	0.049	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.13	J	0.25	0.086	mg/Kg	1	☼	6010C	Total/NA
Chromium	6.4		0.61	0.44	mg/Kg	1	☼	6010C	Total/NA
Copper	20.5		1.2	0.70	mg/Kg	1	☼	6010C	Total/NA
Lead	161		1.2	0.56	mg/Kg	1	☼	6010C	Total/NA
Manganese	609		1.2	0.34	mg/Kg	1	☼	6010C	Total/NA
Nickel	35.3		6.1	0.31	mg/Kg	1	☼	6010C	Total/NA
Zinc	69.5		2.5	1.3	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.11		0.026	0.0060	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH22 1-3FT

Lab Sample ID: 480-226018-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	630	J	1900	250	ug/Kg	10	☼	8270D	Total/NA
Anthracene	590	J	1900	480	ug/Kg	10	☼	8270D	Total/NA
Benzo(a)anthracene	2200		1900	190	ug/Kg	10	☼	8270D	Total/NA
Benzo(a)pyrene	2000		1900	280	ug/Kg	10	☼	8270D	Total/NA
Benzo(b)fluoranthene	2600		1900	310	ug/Kg	10	☼	8270D	Total/NA
Benzo(g,h,i)perylene	1300	J	1900	200	ug/Kg	10	☼	8270D	Total/NA
Benzo(k)fluoranthene	1200	J	1900	250	ug/Kg	10	☼	8270D	Total/NA
Chrysene	2300		1900	430	ug/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	410	J	1900	340	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	4100		1900	200	ug/Kg	10	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	1100	J	1900	240	ug/Kg	10	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BH22 1-3FT (Continued)

Lab Sample ID: 480-226018-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	1900		1900	280	ug/Kg	10	☼	8270D	Total/NA
Pyrene	3600		1900	230	ug/Kg	10	☼	8270D	Total/NA
Arsenic	8.9		2.4	1.0	mg/Kg	1	☼	6010C	Total/NA
Barium	88.1		0.60	0.17	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.69		0.24	0.048	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.44		0.24	0.083	mg/Kg	1	☼	6010C	Total/NA
Chromium	16.8		0.60	0.43	mg/Kg	1	☼	6010C	Total/NA
Copper	60.3		1.2	0.68	mg/Kg	1	☼	6010C	Total/NA
Lead	97.3		1.2	0.55	mg/Kg	1	☼	6010C	Total/NA
Manganese	501		1.2	0.33	mg/Kg	1	☼	6010C	Total/NA
Nickel	22.5		6.0	0.30	mg/Kg	1	☼	6010C	Total/NA
Zinc	126	F1	2.4	1.2	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.15		0.023	0.0054	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH23 1-3FT

Lab Sample ID: 480-226018-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	230	J	1000	140	ug/Kg	5	☼	8270D	Total/NA
Anthracene	450	J	1000	260	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)anthracene	1800		1000	100	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)pyrene	1600		1000	150	ug/Kg	5	☼	8270D	Total/NA
Benzo(b)fluoranthene	1900		1000	170	ug/Kg	5	☼	8270D	Total/NA
Benzo(g,h,i)perylene	1000		1000	110	ug/Kg	5	☼	8270D	Total/NA
Benzo(k)fluoranthene	850	J	1000	140	ug/Kg	5	☼	8270D	Total/NA
Chrysene	1800		1000	230	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	270	J	1000	190	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	3900		1000	110	ug/Kg	5	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	890	J	1000	130	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	2400		1000	150	ug/Kg	5	☼	8270D	Total/NA
Pyrene	3100		1000	120	ug/Kg	5	☼	8270D	Total/NA
Arsenic	27.4		2.4	1.0	mg/Kg	1	☼	6010C	Total/NA
Barium	152		0.59	0.17	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.87		0.24	0.047	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.56		0.24	0.083	mg/Kg	1	☼	6010C	Total/NA
Chromium	12.3		0.59	0.43	mg/Kg	1	☼	6010C	Total/NA
Copper	93.3		1.2	0.68	mg/Kg	1	☼	6010C	Total/NA
Lead	279		1.2	0.55	mg/Kg	1	☼	6010C	Total/NA
Manganese	1070		1.2	0.33	mg/Kg	1	☼	6010C	Total/NA
Nickel	23.4		5.9	0.30	mg/Kg	1	☼	6010C	Total/NA
Zinc	253		2.4	1.2	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.52		0.026	0.0060	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH24 1-3FT

Lab Sample ID: 480-226018-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	710	J	1900	250	ug/Kg	10	☼	8270D	Total/NA
Benzo(a)anthracene	1300	J	1900	190	ug/Kg	10	☼	8270D	Total/NA
Benzo(a)pyrene	1900		1900	280	ug/Kg	10	☼	8270D	Total/NA
Benzo(b)fluoranthene	3000		1900	310	ug/Kg	10	☼	8270D	Total/NA
Benzo(g,h,i)perylene	1500	J	1900	200	ug/Kg	10	☼	8270D	Total/NA
Benzo(k)fluoranthene	1300	J	1900	250	ug/Kg	10	☼	8270D	Total/NA
Chrysene	2500		1900	430	ug/Kg	10	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BH24 1-3FT (Continued)

Lab Sample ID: 480-226018-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dibenz(a,h)anthracene	470	J	1900	340	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	5400		1900	200	ug/Kg	10	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	1400	J	1900	240	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	2800		1900	280	ug/Kg	10	☼	8270D	Total/NA
Pyrene	3500		1900	230	ug/Kg	10	☼	8270D	Total/NA
Arsenic	61.4		2.3	1.0	mg/Kg	1	☼	6010C	Total/NA
Barium	118		0.58	0.16	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.83		0.23	0.047	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.29		0.23	0.082	mg/Kg	1	☼	6010C	Total/NA
Chromium	12.0		0.58	0.42	mg/Kg	1	☼	6010C	Total/NA
Copper	33.9		1.2	0.67	mg/Kg	1	☼	6010C	Total/NA
Lead	108		1.2	0.54	mg/Kg	1	☼	6010C	Total/NA
Manganese	1180		1.2	0.33	mg/Kg	1	☼	6010C	Total/NA
Nickel	27.9		5.8	0.29	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.3	J	4.7	0.93	mg/Kg	1	☼	6010C	Total/NA
Zinc	107		2.3	1.2	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.22		0.022	0.0051	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH25 1-3FT

Lab Sample ID: 480-226018-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	220	J	1000	100	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)pyrene	170	J	1000	150	ug/Kg	5	☼	8270D	Total/NA
Benzo(b)fluoranthene	250	J	1000	160	ug/Kg	5	☼	8270D	Total/NA
Benzo(g,h,i)perylene	120	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Chrysene	280	J	1000	230	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	300	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	190	J	1000	150	ug/Kg	5	☼	8270D	Total/NA
Pyrene	270	J	1000	120	ug/Kg	5	☼	8270D	Total/NA
Arsenic	29.3		2.3	1.0	mg/Kg	1	☼	6010C	Total/NA
Barium	373		0.59	0.16	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.93		0.23	0.047	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.22	J	0.23	0.082	mg/Kg	1	☼	6010C	Total/NA
Chromium	23.8		0.59	0.42	mg/Kg	1	☼	6010C	Total/NA
Copper	64.1		1.2	0.67	mg/Kg	1	☼	6010C	Total/NA
Lead	42.1		1.2	0.54	mg/Kg	1	☼	6010C	Total/NA
Manganese	2110		1.2	0.33	mg/Kg	1	☼	6010C	Total/NA
Nickel	65.9		5.9	0.29	mg/Kg	1	☼	6010C	Total/NA
Silver	0.30	J	0.70	0.23	mg/Kg	1	☼	6010C	Total/NA
Zinc	107		2.3	1.2	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.11		0.024	0.0056	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH26 1-3FT

Lab Sample ID: 480-226018-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	270	J	1000	250	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)anthracene	1000		1000	100	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)pyrene	920	J	1000	150	ug/Kg	5	☼	8270D	Total/NA
Benzo(b)fluoranthene	1200		1000	160	ug/Kg	5	☼	8270D	Total/NA
Benzo(g,h,i)perylene	560	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Benzo(k)fluoranthene	500	J	1000	130	ug/Kg	5	☼	8270D	Total/NA
Chrysene	1000		1000	220	ug/Kg	5	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BH26 1-3FT (Continued)

Lab Sample ID: 480-226018-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	2000		1000	110	ug/Kg	5	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	520	J	1000	120	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	1100		1000	150	ug/Kg	5	☼	8270D	Total/NA
Pyrene	1600		1000	120	ug/Kg	5	☼	8270D	Total/NA
Arsenic	14.6		2.4	1.0	mg/Kg	1	☼	6010C	Total/NA
Barium	233		0.60	0.17	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.95		0.24	0.048	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.70		0.24	0.084	mg/Kg	1	☼	6010C	Total/NA
Chromium	23.8		0.60	0.43	mg/Kg	1	☼	6010C	Total/NA
Copper	133		1.2	0.68	mg/Kg	1	☼	6010C	Total/NA
Lead	193		1.2	0.55	mg/Kg	1	☼	6010C	Total/NA
Manganese	865		1.2	0.33	mg/Kg	1	☼	6010C	Total/NA
Nickel	35.8		6.0	0.30	mg/Kg	1	☼	6010C	Total/NA
Silver	0.46	J	0.72	0.24	mg/Kg	1	☼	6010C	Total/NA
Zinc	250		2.4	1.2	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.40		0.024	0.0056	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: NS1 1FT

Lab Sample ID: 480-226018-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	550	J	2000	200	ug/Kg	10	☼	8270D	Total/NA
Benzo(a)pyrene	670	J	2000	290	ug/Kg	10	☼	8270D	Total/NA
Benzo(b)fluoranthene	720	J	2000	310	ug/Kg	10	☼	8270D	Total/NA
Benzo(g,h,i)perylene	550	J	2000	210	ug/Kg	10	☼	8270D	Total/NA
Benzo(k)fluoranthene	280	J	2000	260	ug/Kg	10	☼	8270D	Total/NA
Chrysene	630	J	2000	440	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	1200	J	2000	210	ug/Kg	10	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	390	J	2000	240	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	650	J	2000	290	ug/Kg	10	☼	8270D	Total/NA
Pyrene	1400	J	2000	230	ug/Kg	10	☼	8270D	Total/NA
Arsenic	6.4		2.3	1.0	mg/Kg	1	☼	6010C	Total/NA
Barium	108		0.58	0.16	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.80		0.23	0.046	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.28		0.23	0.081	mg/Kg	1	☼	6010C	Total/NA
Chromium	21.6		0.58	0.41	mg/Kg	1	☼	6010C	Total/NA
Copper	28.6		1.2	0.66	mg/Kg	1	☼	6010C	Total/NA
Lead	42.9		1.2	0.53	mg/Kg	1	☼	6010C	Total/NA
Manganese	830		1.2	0.32	mg/Kg	1	☼	6010C	Total/NA
Nickel	30.4		5.8	0.29	mg/Kg	1	☼	6010C	Total/NA
Silver	0.33	J	0.69	0.23	mg/Kg	1	☼	6010C	Total/NA
Zinc	99.8		2.3	1.2	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.053		0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: NS2 1FT

Lab Sample ID: 480-226018-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	350	J	2100	270	ug/Kg	10	☼	8270D	Total/NA
Benzo(a)anthracene	1600	J	2100	210	ug/Kg	10	☼	8270D	Total/NA
Benzo(a)pyrene	1600	J	2100	310	ug/Kg	10	☼	8270D	Total/NA
Benzo(b)fluoranthene	2000	J	2100	330	ug/Kg	10	☼	8270D	Total/NA
Benzo(g,h,i)perylene	1300	J	2100	220	ug/Kg	10	☼	8270D	Total/NA
Benzo(k)fluoranthene	810	J	2100	270	ug/Kg	10	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: NS2 1FT (Continued)

Lab Sample ID: 480-226018-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	1800	J	2100	470	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	3300		2100	220	ug/Kg	10	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	1000	J	2100	260	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	1500	J	2100	310	ug/Kg	10	☼	8270D	Total/NA
Pyrene	3000		2100	240	ug/Kg	10	☼	8270D	Total/NA
Arsenic	33.3		2.5	1.1	mg/Kg	1	☼	6010C	Total/NA
Barium	122		0.64	0.18	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.3		0.25	0.051	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.33		0.25	0.089	mg/Kg	1	☼	6010C	Total/NA
Chromium	17.4		0.64	0.46	mg/Kg	1	☼	6010C	Total/NA
Copper	249		1.3	0.73	mg/Kg	1	☼	6010C	Total/NA
Lead	370		1.3	0.59	mg/Kg	1	☼	6010C	Total/NA
Manganese	167		1.3	0.36	mg/Kg	1	☼	6010C	Total/NA
Nickel	21.7		6.4	0.32	mg/Kg	1	☼	6010C	Total/NA
Zinc	96.8		2.5	1.3	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.13		0.025	0.0058	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: NS3 1FT

Lab Sample ID: 480-226018-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	84	J	190	19	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)pyrene	84	J	190	28	ug/Kg	1	☼	8270D	Total/NA
Benzo(b)fluoranthene	110	J	190	30	ug/Kg	1	☼	8270D	Total/NA
Benzo(g,h,i)perylene	71	J	190	20	ug/Kg	1	☼	8270D	Total/NA
Benzo(k)fluoranthene	43	J	190	24	ug/Kg	1	☼	8270D	Total/NA
Chrysene	90	J	190	42	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	150	J	190	20	ug/Kg	1	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	54	J	190	23	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	92	J	190	28	ug/Kg	1	☼	8270D	Total/NA
Pyrene	160	J	190	22	ug/Kg	1	☼	8270D	Total/NA
Arsenic	6.3		2.3	1.0	mg/Kg	1	☼	6010C	Total/NA
Barium	115		0.59	0.16	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.65		0.23	0.047	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.16	J	0.23	0.082	mg/Kg	1	☼	6010C	Total/NA
Chromium	16.1		0.59	0.42	mg/Kg	1	☼	6010C	Total/NA
Copper	25.5		1.2	0.67	mg/Kg	1	☼	6010C	Total/NA
Lead	27.7		1.2	0.54	mg/Kg	1	☼	6010C	Total/NA
Manganese	1020		1.2	0.33	mg/Kg	1	☼	6010C	Total/NA
Nickel	24.8		5.9	0.29	mg/Kg	1	☼	6010C	Total/NA
Zinc	89.5		2.3	1.2	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.032		0.022	0.0050	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Professional Drafting Services/PDS
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Job ID: 480-226018-1

Client Sample ID: BH1 1-4FT

Date Collected: 12/04/24 08:20
Date Received: 12/06/24 11:45

Lab Sample ID: 480-226018-1

Matrix: Solid
Percent Solids: 89.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		190	28	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Acenaphthylene	**58**	**J**	190	25	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Anthracene	**54**	**J**	190	47	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Benzo(a)anthracene	**310**		190	19	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Benzo(a)pyrene	**340**		190	28	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Benzo(b)fluoranthene	**510**		190	30	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Benzo(g,h,i)perylene	**340**		190	20	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Benzo(k)fluoranthene	**240**		190	25	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Chrysene	**480**		190	43	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Dibenz(a,h)anthracene	**100**	**J**	190	34	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Dibenzofuran	**66**	**J**	190	22	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Fluoranthene	**460**		190	20	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Fluorene	ND		190	22	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Hexachlorobenzene	ND		190	26	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Indeno(1,2,3-cd)pyrene	**270**		190	23	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
m-Cresol	ND		370	29	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Naphthalene	**110**	**J**	190	25	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
1,4-Dioxane	ND		110	62	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
o-Cresol	ND		190	22	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
p-Cresol	ND		370	22	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Pentachlorophenol	ND		370	190	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Phenanthrene	**500**		190	28	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Phenol	ND		190	29	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1
Pyrene	**470**		190	22	ug/Kg	☼	12/06/24 13:56	12/09/24 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*87*		*26 - 143*	*12/06/24 13:56*	*12/09/24 14:31*	*1*
2-Fluorobiphenyl	*95*		*50 - 121*	*12/06/24 13:56*	*12/09/24 14:31*	*1*
2-Fluorophenol	*76*		*36 - 120*	*12/06/24 13:56*	*12/09/24 14:31*	*1*
Nitrobenzene-d5	*89*		*40 - 121*	*12/06/24 13:56*	*12/09/24 14:31*	*1*
Phenol-d5	*83*		*41 - 120*	*12/06/24 13:56*	*12/09/24 14:31*	*1*
p-Terphenyl-d14	*99*		*46 - 143*	*12/06/24 13:56*	*12/09/24 14:31*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13.9**		2.2	0.97	mg/Kg	☼	12/07/24 14:32	12/10/24 10:58	1
Barium	**118**		0.55	0.15	mg/Kg	☼	12/07/24 14:32	12/10/24 10:58	1
Beryllium	**0.95**		0.22	0.044	mg/Kg	☼	12/07/24 14:32	12/10/24 10:58	1
Cadmium	**0.63**		0.22	0.077	mg/Kg	☼	12/07/24 14:32	12/10/24 10:58	1
Chromium	**11.8**		0.55	0.40	mg/Kg	☼	12/07/24 14:32	12/10/24 10:58	1
Copper	**39.9**		1.1	0.63	mg/Kg	☼	12/07/24 14:32	12/10/24 10:58	1
Lead	**243**		1.1	0.51	mg/Kg	☼	12/07/24 14:32	12/10/24 10:58	1
Manganese	**331**		1.1	0.31	mg/Kg	☼	12/07/24 14:32	12/10/24 10:58	1
Nickel	**14.0**		5.5	0.28	mg/Kg	☼	12/07/24 14:32	12/10/24 10:58	1
Selenium	**2.0**	**J**	4.4	0.88	mg/Kg	☼	12/07/24 14:32	12/10/24 10:58	1
Silver	ND		0.66	0.22	mg/Kg	☼	12/07/24 14:32	12/10/24 10:58	1
Zinc	**453**		2.2	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 10:58	1

Client Sample ID: BH1 1-4FT
Lab Sample ID: 480-226018-1
Date Collected: 12/04/24 08:20
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 89.0

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.32	F1 F2	0.023	0.0053	mg/Kg	☼	12/07/24 07:45	12/07/24 09:31	1

Client Sample ID: BH2 1-4FT
Lab Sample ID: 480-226018-2
Date Collected: 12/04/24 08:40
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 89.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	33	J	190	28	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Acenaphthylene	62	J	190	25	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Anthracene	120	J	190	47	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Benzo(a)anthracene	550		190	19	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Benzo(a)pyrene	580		190	28	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Benzo(b)fluoranthene	870		190	30	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Benzo(g,h,i)perylene	540		190	20	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Benzo(k)fluoranthene	290		190	25	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Chrysene	930		190	43	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Dibenz(a,h)anthracene	160	J	190	34	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Dibenzofuran	70	J	190	22	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Fluoranthene	1100		190	20	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Fluorene	61	J	190	22	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Hexachlorobenzene	ND		190	26	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Indeno(1,2,3-cd)pyrene	420		190	24	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
m-Cresol	ND		370	29	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Naphthalene	120	J	190	25	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
1,4-Dioxane	ND		110	62	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
o-Cresol	ND		190	22	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
p-Cresol	ND		370	22	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Pentachlorophenol	ND		370	190	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Phenanthrene	1100		190	28	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Phenol	ND		190	29	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1
Pyrene	1300		190	22	ug/Kg	☼	12/06/24 13:56	12/09/24 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*103*		*26 - 143*	*12/06/24 13:56*	*12/09/24 14:58*	*1*
2-Fluorobiphenyl	*100*		*50 - 121*	*12/06/24 13:56*	*12/09/24 14:58*	*1*
2-Fluorophenol	*83*		*36 - 120*	*12/06/24 13:56*	*12/09/24 14:58*	*1*
Nitrobenzene-d5	*91*		*40 - 121*	*12/06/24 13:56*	*12/09/24 14:58*	*1*
Phenol-d5	*87*		*41 - 120*	*12/06/24 13:56*	*12/09/24 14:58*	*1*
p-Terphenyl-d14	*102*		*46 - 143*	*12/06/24 13:56*	*12/09/24 14:58*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		2.4	1.0	mg/Kg	☼	12/07/24 14:32	12/10/24 11:00	1
Barium	80.8		0.59	0.17	mg/Kg	☼	12/07/24 14:32	12/10/24 11:00	1
Beryllium	1.0		0.24	0.048	mg/Kg	☼	12/07/24 14:32	12/10/24 11:00	1
Cadmium	0.085	J	0.24	0.083	mg/Kg	☼	12/07/24 14:32	12/10/24 11:00	1
Chromium	8.7		0.59	0.43	mg/Kg	☼	12/07/24 14:32	12/10/24 11:00	1
Copper	12.7		1.2	0.68	mg/Kg	☼	12/07/24 14:32	12/10/24 11:00	1
Lead	92.6		1.2	0.55	mg/Kg	☼	12/07/24 14:32	12/10/24 11:00	1

Client Sample ID: BH2 1-4FT
Lab Sample ID: 480-226018-2
Date Collected: 12/04/24 08:40
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 89.0

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**259**		1.2	0.33	mg/Kg	☼	12/07/24 14:32	12/10/24 11:00	1
Nickel	**8.5**		5.9	0.30	mg/Kg	☼	12/07/24 14:32	12/10/24 11:00	1
Selenium	ND		4.8	0.95	mg/Kg	☼	12/07/24 14:32	12/10/24 11:00	1
Silver	ND		0.71	0.24	mg/Kg	☼	12/07/24 14:32	12/10/24 11:00	1
Zinc	**147**		2.4	1.2	mg/Kg	☼	12/07/24 14:32	12/10/24 11:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.24**		0.022	0.0051	mg/Kg	☼	12/07/24 07:45	12/07/24 09:36	1

Client Sample ID: BH3 1-4FT
Lab Sample ID: 480-226018-3
Date Collected: 12/04/24 09:10
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 73.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		230	33	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Acenaphthylene	ND		230	29	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Anthracene	ND		230	56	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Benzo(a)anthracene	**90**	**J**	230	23	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Benzo(a)pyrene	**100**	**J**	230	33	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Benzo(b)fluoranthene	**160**	**J**	230	36	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Benzo(g,h,i)perylene	**89**	**J**	230	24	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Benzo(k)fluoranthene	**63**	**J**	230	29	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Chrysene	**120**	**J**	230	51	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Dibenz(a,h)anthracene	ND		230	40	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Dibenzofuran	ND		230	27	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Fluoranthene	**130**	**J**	230	24	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Fluorene	ND		230	27	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Hexachlorobenzene	ND		230	31	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Indeno(1,2,3-cd)pyrene	**72**	**J**	230	28	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
m-Cresol	ND		440	35	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Naphthalene	ND		230	29	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
1,4-Dioxane	ND		130	73	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
o-Cresol	ND		230	27	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
p-Cresol	ND		440	27	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Pentachlorophenol	ND		440	230	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Phenanthrene	**86**	**J**	230	33	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Phenol	ND		230	35	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1
Pyrene	**130**	**J**	230	27	ug/Kg	☼	12/06/24 13:56	12/09/24 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*75*		*26 - 143*	*12/06/24 13:56*	*12/09/24 15:24*	*1*
2-Fluorobiphenyl	*88*		*50 - 121*	*12/06/24 13:56*	*12/09/24 15:24*	*1*
2-Fluorophenol	*69*		*36 - 120*	*12/06/24 13:56*	*12/09/24 15:24*	*1*
Nitrobenzene-d5	*84*		*40 - 121*	*12/06/24 13:56*	*12/09/24 15:24*	*1*
Phenol-d5	*76*		*41 - 120*	*12/06/24 13:56*	*12/09/24 15:24*	*1*
p-Terphenyl-d14	*95*		*46 - 143*	*12/06/24 13:56*	*12/09/24 15:24*	*1*

Client Sample ID: BH3 1-4FT
Lab Sample ID: 480-226018-3
Date Collected: 12/04/24 09:10
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 73.9

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15.6**		2.8	1.2	mg/Kg	☼	12/07/24 14:32	12/10/24 11:02	1
Barium	**163**		0.71	0.20	mg/Kg	☼	12/07/24 14:32	12/10/24 11:02	1
Beryllium	**1.8**		0.28	0.057	mg/Kg	☼	12/07/24 14:32	12/10/24 11:02	1
Cadmium	**0.52**		0.28	0.099	mg/Kg	☼	12/07/24 14:32	12/10/24 11:02	1
Chromium	**15.5**		0.71	0.51	mg/Kg	☼	12/07/24 14:32	12/10/24 11:02	1
Copper	**184**		1.4	0.81	mg/Kg	☼	12/07/24 14:32	12/10/24 11:02	1
Lead	**723**		1.4	0.65	mg/Kg	☼	12/07/24 14:32	12/10/24 11:02	1
Manganese	**785**		1.4	0.40	mg/Kg	☼	12/07/24 14:32	12/10/24 11:02	1
Nickel	**14.5**		7.1	0.35	mg/Kg	☼	12/07/24 14:32	12/10/24 11:02	1
Selenium	ND		5.7	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 11:02	1
Silver	**0.66**	**J**	0.85	0.28	mg/Kg	☼	12/07/24 14:32	12/10/24 11:02	1
Zinc	**361**		2.8	1.4	mg/Kg	☼	12/07/24 14:32	12/10/24 11:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**1.2**		0.027	0.0061	mg/Kg	☼	12/07/24 07:45	12/07/24 09:38	1

Client Sample ID: BH4 1-4FT
Lab Sample ID: 480-226018-4
Date Collected: 12/04/24 09:30
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 68.2

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		250	36	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Acenaphthylene	**240**	**J**	250	32	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Anthracene	**170**	**J**	250	61	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Benzo(a)anthracene	**930**		250	25	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Benzo(a)pyrene	**1100**		250	36	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Benzo(b)fluoranthene	**1600**		250	39	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Benzo(g,h,i)perylene	**950**		250	26	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Benzo(k)fluoranthene	**580**		250	32	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Chrysene	**1200**		250	55	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Dibenz(a,h)anthracene	**240**	**J**	250	44	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Dibenzofuran	**48**	**J**	250	29	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Fluoranthene	**1700**		250	26	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Fluorene	**56**	**J**	250	29	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Hexachlorobenzene	ND		250	34	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Indeno(1,2,3-cd)pyrene	**760**		250	31	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
m-Cresol	ND		480	38	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Naphthalene	**68**	**J**	250	32	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
1,4-Dioxane	ND		150	80	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
o-Cresol	ND		250	29	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
p-Cresol	ND		480	29	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Pentachlorophenol	ND		480	250	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Phenanthrene	**1100**		250	36	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Phenol	ND		250	38	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1
Pyrene	**1800**		250	29	ug/Kg	☼	12/06/24 13:56	12/09/24 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*92*		*26 - 143*	*12/06/24 13:56*	*12/09/24 15:51*	*1*

Client Sample ID: BH4 1-4FT
Lab Sample ID: 480-226018-4

Date Collected: 12/04/24 09:30
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 68.2

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*50 - 121*	*12/06/24 13:56*	*12/09/24 15:51*	*1*
2-Fluorophenol	*79*		*36 - 120*	*12/06/24 13:56*	*12/09/24 15:51*	*1*
Nitrobenzene-d5	*85*		*40 - 121*	*12/06/24 13:56*	*12/09/24 15:51*	*1*
Phenol-d5	*86*		*41 - 120*	*12/06/24 13:56*	*12/09/24 15:51*	*1*
p-Terphenyl-d14	*94*		*46 - 143*	*12/06/24 13:56*	*12/09/24 15:51*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**18.8**		3.1	1.4	mg/Kg	☼	12/07/24 14:32	12/10/24 11:04	1
Barium	**248**		0.78	0.22	mg/Kg	☼	12/07/24 14:32	12/10/24 11:04	1
Beryllium	**1.3**		0.31	0.062	mg/Kg	☼	12/07/24 14:32	12/10/24 11:04	1
Cadmium	**1.6**		0.31	0.11	mg/Kg	☼	12/07/24 14:32	12/10/24 11:04	1
Chromium	**26.8**		0.78	0.56	mg/Kg	☼	12/07/24 14:32	12/10/24 11:04	1
Copper	**149**		1.6	0.89	mg/Kg	☼	12/07/24 14:32	12/10/24 11:04	1
Lead	**1130**		1.6	0.72	mg/Kg	☼	12/07/24 14:32	12/10/24 11:04	1
Manganese	**666**		1.6	0.44	mg/Kg	☼	12/07/24 14:32	12/10/24 11:04	1
Nickel	**35.6**		7.8	0.39	mg/Kg	☼	12/07/24 14:32	12/10/24 11:04	1
Selenium	**2.3**	**J**	6.2	1.2	mg/Kg	☼	12/07/24 14:32	12/10/24 11:04	1
Silver	**0.54**	**J**	0.93	0.31	mg/Kg	☼	12/07/24 14:32	12/10/24 11:04	1
Zinc	**505**		3.1	1.6	mg/Kg	☼	12/07/24 14:32	12/10/24 11:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**1.1**		0.030	0.0069	mg/Kg	☼	12/07/24 07:45	12/07/24 09:39	1

Client Sample ID: BH5 1-4FT
Lab Sample ID: 480-226018-5

Date Collected: 12/04/24 09:50
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 84.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1000	150	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Acenaphthylene	ND		1000	130	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Anthracene	ND		1000	250	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Benzo(a)anthracene	**300**	**J**	1000	100	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Benzo(a)pyrene	**330**	**J**	1000	150	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Benzo(b)fluoranthene	**450**	**J**	1000	160	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Benzo(g,h,i)perylene	**230**	**J**	1000	110	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Benzo(k)fluoranthene	**190**	**J**	1000	130	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Chrysene	**420**	**J**	1000	220	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Dibenz(a,h)anthracene	ND		1000	180	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Dibenzofuran	ND		1000	120	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Fluoranthene	**690**	**J**	1000	110	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Fluorene	ND		1000	120	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Hexachlorobenzene	ND		1000	140	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Indeno(1,2,3-cd)pyrene	**200**	**J**	1000	120	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
m-Cresol	ND		1900	150	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Naphthalene	ND		1000	130	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
1,4-Dioxane	ND		590	320	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
o-Cresol	ND		1000	120	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5

Client Sample ID: BH5 1-4FT
Lab Sample ID: 480-226018-5
Date Collected: 12/04/24 09:50
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 84.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Cresol	ND		1900	120	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Pentachlorophenol	ND		1900	1000	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Phenanthrene	**460**	**J**	1000	150	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Phenol	ND		1000	150	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5
Pyrene	**610**	**J**	1000	120	ug/Kg	☼	12/06/24 13:56	12/09/24 16:18	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*77*		*26 - 143*	*12/06/24 13:56*	*12/09/24 16:18*	*5*
2-Fluorobiphenyl	*83*		*50 - 121*	*12/06/24 13:56*	*12/09/24 16:18*	*5*
2-Fluorophenol	*71*		*36 - 120*	*12/06/24 13:56*	*12/09/24 16:18*	*5*
Nitrobenzene-d5	*78*		*40 - 121*	*12/06/24 13:56*	*12/09/24 16:18*	*5*
Phenol-d5	*77*		*41 - 120*	*12/06/24 13:56*	*12/09/24 16:18*	*5*
p-Terphenyl-d14	*88*		*46 - 143*	*12/06/24 13:56*	*12/09/24 16:18*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**20.2**		2.2	0.98	mg/Kg	☼	12/07/24 14:32	12/10/24 11:06	1
Barium	**257**		0.56	0.16	mg/Kg	☼	12/07/24 14:32	12/10/24 11:06	1
Beryllium	**1.2**		0.22	0.045	mg/Kg	☼	12/07/24 14:32	12/10/24 11:06	1
Cadmium	**0.70**		0.22	0.078	mg/Kg	☼	12/07/24 14:32	12/10/24 11:06	1
Chromium	**23.5**		0.56	0.40	mg/Kg	☼	12/07/24 14:32	12/10/24 11:06	1
Copper	**135**		1.1	0.64	mg/Kg	☼	12/07/24 14:32	12/10/24 11:06	1
Lead	**639**		1.1	0.51	mg/Kg	☼	12/07/24 14:32	12/10/24 11:06	1
Manganese	**377**		1.1	0.31	mg/Kg	☼	12/07/24 14:32	12/10/24 11:06	1
Nickel	**21.5**		5.6	0.28	mg/Kg	☼	12/07/24 14:32	12/10/24 11:06	1
Selenium	**1.8**	**J**	4.5	0.89	mg/Kg	☼	12/07/24 14:32	12/10/24 11:06	1
Silver	**0.51**	**J**	0.67	0.22	mg/Kg	☼	12/07/24 14:32	12/10/24 11:06	1
Zinc	**494**		2.2	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 11:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**2.1**		0.12	0.028	mg/Kg	☼	12/07/24 07:45	12/07/24 10:49	5

Client Sample ID: BH6 1-4FT
Lab Sample ID: 480-226018-6
Date Collected: 12/04/24 10:10
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 81.8

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1000	150	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Acenaphthylene	ND		1000	130	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Anthracene	ND		1000	260	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Benzo(a)anthracene	ND		1000	100	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Benzo(a)pyrene	ND		1000	150	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Benzo(b)fluoranthene	**160**	**J**	1000	160	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Benzo(g,h,i)perylene	ND		1000	110	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Benzo(k)fluoranthene	ND		1000	130	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Chrysene	ND		1000	230	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Dibenz(a,h)anthracene	ND		1000	180	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Dibenzofuran	ND		1000	120	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Fluoranthene	**170**	**J**	1000	110	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5

Client Sample ID: BH6 1-4FT
Lab Sample ID: 480-226018-6

Date Collected: 12/04/24 10:10
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 81.8

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		1000	120	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Hexachlorobenzene	ND		1000	140	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Indeno(1,2,3-cd)pyrene	ND		1000	130	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
m-Cresol	ND		2000	160	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Naphthalene	ND		1000	130	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
1,4-Dioxane	ND		610	330	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
o-Cresol	ND		1000	120	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
p-Cresol	ND		2000	120	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Pentachlorophenol	ND		2000	1000	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Phenanthrene	ND		1000	150	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Phenol	ND		1000	160	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5
Pyrene	**150**	**J**	1000	120	ug/Kg	☼	12/06/24 13:56	12/09/24 16:45	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*80*		*26 - 143*	*12/06/24 13:56*	*12/09/24 16:45*	*5*
2-Fluorobiphenyl	*81*		*50 - 121*	*12/06/24 13:56*	*12/09/24 16:45*	*5*
2-Fluorophenol	*68*		*36 - 120*	*12/06/24 13:56*	*12/09/24 16:45*	*5*
Nitrobenzene-d5	*76*		*40 - 121*	*12/06/24 13:56*	*12/09/24 16:45*	*5*
Phenol-d5	*71*		*41 - 120*	*12/06/24 13:56*	*12/09/24 16:45*	*5*
p-Terphenyl-d14	*86*		*46 - 143*	*12/06/24 13:56*	*12/09/24 16:45*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.1**		2.6	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 11:08	1
Barium	**158**		0.65	0.18	mg/Kg	☼	12/07/24 14:32	12/10/24 11:08	1
Beryllium	**1.1**		0.26	0.052	mg/Kg	☼	12/07/24 14:32	12/10/24 11:08	1
Cadmium	**0.47**		0.26	0.090	mg/Kg	☼	12/07/24 14:32	12/10/24 11:08	1
Chromium	**18.9**		0.65	0.46	mg/Kg	☼	12/07/24 14:32	12/10/24 11:08	1
Copper	**42.4**		1.3	0.74	mg/Kg	☼	12/07/24 14:32	12/10/24 11:08	1
Lead	**220**		1.3	0.59	mg/Kg	☼	12/07/24 14:32	12/10/24 11:08	1
Manganese	**519**		1.3	0.36	mg/Kg	☼	12/07/24 14:32	12/10/24 11:08	1
Nickel	**18.0**		6.5	0.32	mg/Kg	☼	12/07/24 14:32	12/10/24 11:08	1
Selenium	ND		5.2	1.0	mg/Kg	☼	12/07/24 14:32	12/10/24 11:08	1
Silver	**0.30**	**J**	0.77	0.26	mg/Kg	☼	12/07/24 14:32	12/10/24 11:08	1
Zinc	**213**		2.6	1.3	mg/Kg	☼	12/07/24 14:32	12/10/24 11:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.60**		0.024	0.0056	mg/Kg	☼	12/07/24 07:45	12/07/24 09:44	1

Client Sample ID: BH7 1-4FT
Lab Sample ID: 480-226018-7

Date Collected: 12/04/24 11:00
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 67.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		12000	1800	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Acenaphthylene	ND		12000	1600	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Anthracene	ND		12000	3100	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Benzo(a)anthracene	ND		12000	1200	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Benzo(a)pyrene	ND		12000	1800	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5

Client Sample ID: BH7 1-4FT
Lab Sample ID: 480-226018-7

Date Collected: 12/04/24 11:00
Matrix: Solid

Date Received: 12/06/24 11:45
Percent Solids: 67.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(b)fluoranthene	ND		12000	2000	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Benzo(g,h,i)perylene	ND		12000	1300	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Benzo(k)fluoranthene	ND		12000	1600	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Chrysene	ND		12000	2800	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Dibenz(a,h)anthracene	ND		12000	2200	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Dibenzofuran	ND		12000	1500	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Fluoranthene	ND		12000	1300	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Fluorene	ND		12000	1500	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Hexachlorobenzene	ND		12000	1700	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Indeno(1,2,3-cd)pyrene	ND		12000	1500	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
m-Cresol	ND		24000	1900	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Naphthalene	ND		12000	1600	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
1,4-Dioxane	ND		7300	4000	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
o-Cresol	ND		12000	1500	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
p-Cresol	ND		24000	1500	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Pentachlorophenol	ND		24000	12000	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Phenanthrene	ND		12000	1800	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Phenol	ND		12000	1900	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5
Pyrene	ND		12000	1500	ug/Kg	☼	12/06/24 13:56	12/10/24 15:23	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*0*	*S1-*	*26 - 143*	*12/06/24 13:56*	*12/10/24 15:23*	*5*
2-Fluorobiphenyl	*51*		*50 - 121*	*12/06/24 13:56*	*12/10/24 15:23*	*5*
2-Fluorophenol	*0*	*S1-*	*36 - 120*	*12/06/24 13:56*	*12/10/24 15:23*	*5*
Nitrobenzene-d5	*114*		*40 - 121*	*12/06/24 13:56*	*12/10/24 15:23*	*5*
Phenol-d5	*46*		*41 - 120*	*12/06/24 13:56*	*12/10/24 15:23*	*5*
p-Terphenyl-d14	*60*		*46 - 143*	*12/06/24 13:56*	*12/10/24 15:23*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.7**		3.0	1.3	mg/Kg	☼	12/07/24 14:32	12/10/24 11:24	1
Barium	**109**		0.74	0.21	mg/Kg	☼	12/07/24 14:32	12/10/24 11:24	1
Beryllium	**0.89**		0.30	0.059	mg/Kg	☼	12/07/24 14:32	12/10/24 11:24	1
Cadmium	**0.46**		0.30	0.10	mg/Kg	☼	12/07/24 14:32	12/10/24 11:24	1
Chromium	**25.9**		0.74	0.54	mg/Kg	☼	12/07/24 14:32	12/10/24 11:24	1
Copper	**66.8**		1.5	0.85	mg/Kg	☼	12/07/24 14:32	12/10/24 11:24	1
Lead	**28.3**	**^+**	1.5	0.68	mg/Kg	☼	12/07/24 14:32	12/10/24 11:24	1
Manganese	**791**		1.5	0.42	mg/Kg	☼	12/07/24 14:32	12/10/24 11:24	1
Nickel	**28.9**		7.4	0.37	mg/Kg	☼	12/07/24 14:32	12/10/24 11:24	1
Selenium	**1.4**	**J**	5.9	1.2	mg/Kg	☼	12/07/24 14:32	12/10/24 11:24	1
Silver	ND		0.89	0.30	mg/Kg	☼	12/07/24 14:32	12/10/24 11:24	1
Zinc	**135**		3.0	1.5	mg/Kg	☼	12/07/24 14:32	12/10/24 11:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.041**		0.031	0.0070	mg/Kg	☼	12/07/24 07:45	12/07/24 09:45	1

Client: Professional Drafting Services/PDS
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Job ID: 480-226018-1

Client Sample ID: BH8 1-4FT

Date Collected: 12/04/24 11:15
Date Received: 12/06/24 11:45

Lab Sample ID: 480-226018-8

Matrix: Solid
Percent Solids: 79.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2100	310	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Acenaphthylene	ND		2100	280	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Anthracene	ND		2100	530	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Benzo(a)anthracene	**1100**	**J**	2100	210	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Benzo(a)pyrene	**850**	**J**	2100	310	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Benzo(b)fluoranthene	**950**	**J**	2100	340	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Benzo(g,h,i)perylene	**410**	**J**	2100	230	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Benzo(k)fluoranthene	**490**	**J**	2100	280	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Chrysene	**1000**	**J**	2100	480	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Dibenz(a,h)anthracene	ND		2100	380	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Dibenzofuran	ND		2100	250	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Fluoranthene	**2000**	**J**	2100	230	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Fluorene	**250**	**J**	2100	250	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Hexachlorobenzene	ND		2100	290	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Indeno(1,2,3-cd)pyrene	**360**	**J**	2100	260	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
m-Cresol	ND		4100	330	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Naphthalene	ND		2100	280	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
1,4-Dioxane	ND		1300	690	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
o-Cresol	ND		2100	250	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
p-Cresol	ND		4100	250	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Pentachlorophenol	ND		4100	2100	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Phenanthrene	**1300**	**J**	2100	310	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Phenol	ND		2100	330	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10
Pyrene	**1400**	**J**	2100	250	ug/Kg	☼	12/06/24 13:56	12/09/24 17:38	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*76*		*26 - 143*	*12/06/24 13:56*	*12/09/24 17:38*	*10*
2-Fluorobiphenyl	*81*		*50 - 121*	*12/06/24 13:56*	*12/09/24 17:38*	*10*
2-Fluorophenol	*69*		*36 - 120*	*12/06/24 13:56*	*12/09/24 17:38*	*10*
Nitrobenzene-d5	*78*		*40 - 121*	*12/06/24 13:56*	*12/09/24 17:38*	*10*
Phenol-d5	*76*		*41 - 120*	*12/06/24 13:56*	*12/09/24 17:38*	*10*
p-Terphenyl-d14	*80*		*46 - 143*	*12/06/24 13:56*	*12/09/24 17:38*	*10*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.8**		2.5	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 11:26	1
Barium	**124**		0.61	0.17	mg/Kg	☼	12/07/24 14:32	12/10/24 11:26	1
Beryllium	**2.4**		0.25	0.049	mg/Kg	☼	12/07/24 14:32	12/10/24 11:26	1
Cadmium	ND		0.25	0.086	mg/Kg	☼	12/07/24 14:32	12/10/24 11:26	1
Chromium	**5.9**		0.61	0.44	mg/Kg	☼	12/07/24 14:32	12/10/24 11:26	1
Copper	**9.7**		1.2	0.70	mg/Kg	☼	12/07/24 14:32	12/10/24 11:26	1
Lead	**260**	**^+**	1.2	0.56	mg/Kg	☼	12/07/24 14:32	12/10/24 11:26	1
Manganese	**576**		1.2	0.34	mg/Kg	☼	12/07/24 14:32	12/10/24 11:26	1
Nickel	**5.7**	**J**	6.1	0.31	mg/Kg	☼	12/07/24 14:32	12/10/24 11:26	1
Selenium	ND		4.9	0.98	mg/Kg	☼	12/07/24 14:32	12/10/24 11:26	1
Silver	**0.29**	**J**	0.74	0.25	mg/Kg	☼	12/07/24 14:32	12/10/24 11:26	1
Zinc	**232**		2.5	1.3	mg/Kg	☼	12/07/24 14:32	12/10/24 11:26	1

Client Sample ID: BH8 1-4FT
Lab Sample ID: 480-226018-8
Date Collected: 12/04/24 11:15
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 79.3

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.71		0.025	0.0057	mg/Kg	☼	12/07/24 07:45	12/07/24 09:47	1

Client Sample ID: BH9 2-4FT
Lab Sample ID: 480-226018-9
Date Collected: 12/04/24 11:30
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 84.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2000	290	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Acenaphthylene	ND		2000	260	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Anthracene	ND		2000	490	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Benzo(a)anthracene	ND		2000	200	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Benzo(a)pyrene	ND		2000	290	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Benzo(b)fluoranthene	ND		2000	320	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Benzo(g,h,i)perylene	ND		2000	210	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Benzo(k)fluoranthene	ND		2000	260	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Chrysene	ND		2000	440	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Dibenz(a,h)anthracene	ND		2000	350	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Dibenzofuran	ND		2000	230	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Fluoranthene	ND		2000	210	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Fluorene	ND		2000	230	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Hexachlorobenzene	ND		2000	270	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Indeno(1,2,3-cd)pyrene	ND		2000	250	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
m-Cresol	ND		3900	300	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Naphthalene	ND		2000	260	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
1,4-Dioxane	ND		1200	640	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
o-Cresol	ND		2000	230	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
p-Cresol	ND		3900	230	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Pentachlorophenol	ND		3900	2000	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Phenanthrene	ND		2000	290	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Phenol	ND		2000	300	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10
Pyrene	ND		2000	230	ug/Kg	☼	12/06/24 13:56	12/09/24 18:05	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*64*		*26 - 143*	*12/06/24 13:56*	*12/09/24 18:05*	*10*
2-Fluorobiphenyl	*77*		*50 - 121*	*12/06/24 13:56*	*12/09/24 18:05*	*10*
2-Fluorophenol	*72*		*36 - 120*	*12/06/24 13:56*	*12/09/24 18:05*	*10*
Nitrobenzene-d5	*73*		*40 - 121*	*12/06/24 13:56*	*12/09/24 18:05*	*10*
Phenol-d5	*75*		*41 - 120*	*12/06/24 13:56*	*12/09/24 18:05*	*10*
p-Terphenyl-d14	*83*		*46 - 143*	*12/06/24 13:56*	*12/09/24 18:05*	*10*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.5		2.5	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 11:28	1
Barium	196		0.62	0.17	mg/Kg	☼	12/07/24 14:32	12/10/24 11:28	1
Beryllium	1.2		0.25	0.049	mg/Kg	☼	12/07/24 14:32	12/10/24 11:28	1
Cadmium	0.26		0.25	0.086	mg/Kg	☼	12/07/24 14:32	12/10/24 11:28	1
Chromium	15.5		0.62	0.44	mg/Kg	☼	12/07/24 14:32	12/10/24 11:28	1
Copper	27.4		1.2	0.70	mg/Kg	☼	12/07/24 14:32	12/10/24 11:28	1
Lead	173	^+	1.2	0.57	mg/Kg	☼	12/07/24 14:32	12/10/24 11:28	1

Client Sample ID: BH9 2-4FT
Lab Sample ID: 480-226018-9
Date Collected: 12/04/24 11:30
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 84.0

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**991**		1.2	0.34	mg/Kg	☼	12/07/24 14:32	12/10/24 11:28	1
Nickel	**16.3**		6.2	0.31	mg/Kg	☼	12/07/24 14:32	12/10/24 11:28	1
Selenium	**1.6**	**J**	4.9	0.98	mg/Kg	☼	12/07/24 14:32	12/10/24 11:28	1
Silver	**0.36**	**J**	0.74	0.25	mg/Kg	☼	12/07/24 14:32	12/10/24 11:28	1
Zinc	**175**		2.5	1.3	mg/Kg	☼	12/07/24 14:32	12/10/24 11:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.32**		0.024	0.0056	mg/Kg	☼	12/07/24 07:45	12/07/24 09:48	1

Client Sample ID: BH10 0-2FT
Lab Sample ID: 480-226018-10
Date Collected: 12/04/24 11:50
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 80.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1100	150	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Acenaphthylene	ND		1100	140	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Anthracene	ND	F2 F1	1100	260	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Benzo(a)anthracene	**460**	**J F2 F1**	1100	110	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Benzo(a)pyrene	**460**	**J F2 F1**	1100	150	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Benzo(b)fluoranthene	**610**	**J F2 F1**	1100	170	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Benzo(g,h,i)perylene	**300**	**J F2**	1100	110	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Benzo(k)fluoranthene	**250**	**J**	1100	140	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Chrysene	**480**	**J F2 F1**	1100	240	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Dibenz(a,h)anthracene	ND		1100	190	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Dibenzofuran	ND		1100	120	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Fluoranthene	**840**	**J F2 F1**	1100	110	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Fluorene	ND		1100	120	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Hexachlorobenzene	ND		1100	140	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Indeno(1,2,3-cd)pyrene	**260**	**J F2**	1100	130	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
m-Cresol	ND		2000	160	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Naphthalene	ND		1100	140	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
1,4-Dioxane	ND		620	340	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
o-Cresol	ND		1100	120	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
p-Cresol	ND		2000	120	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Pentachlorophenol	ND		2000	1100	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Phenanthrene	**390**	**J F2 F1**	1100	150	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Phenol	ND		1100	160	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5
Pyrene	**730**	**J F2 F1**	1100	120	ug/Kg	☼	12/06/24 13:56	12/09/24 14:04	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*69*		*26 - 143*	*12/06/24 13:56*	*12/09/24 14:04*	*5*
2-Fluorobiphenyl	*83*		*50 - 121*	*12/06/24 13:56*	*12/09/24 14:04*	*5*
2-Fluorophenol	*72*		*36 - 120*	*12/06/24 13:56*	*12/09/24 14:04*	*5*
Nitrobenzene-d5	*76*		*40 - 121*	*12/06/24 13:56*	*12/09/24 14:04*	*5*
Phenol-d5	*74*		*41 - 120*	*12/06/24 13:56*	*12/09/24 14:04*	*5*
p-Terphenyl-d14	*86*		*46 - 143*	*12/06/24 13:56*	*12/09/24 14:04*	*5*

Client Sample ID: BH10 0-2FT
Lab Sample ID: 480-226018-10
Date Collected: 12/04/24 11:50
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 80.6

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.1**		2.5	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 11:30	1
Barium	**154**		0.63	0.18	mg/Kg	☼	12/07/24 14:32	12/10/24 11:30	1
Beryllium	**1.1**		0.25	0.051	mg/Kg	☼	12/07/24 14:32	12/10/24 11:30	1
Cadmium	**0.33**		0.25	0.088	mg/Kg	☼	12/07/24 14:32	12/10/24 11:30	1
Chromium	**14.6**		0.63	0.46	mg/Kg	☼	12/07/24 14:32	12/10/24 11:30	1
Copper	**33.0**		1.3	0.72	mg/Kg	☼	12/07/24 14:32	12/10/24 11:30	1
Lead	**110**	**^+**	1.3	0.58	mg/Kg	☼	12/07/24 14:32	12/10/24 11:30	1
Manganese	**897**		1.3	0.35	mg/Kg	☼	12/07/24 14:32	12/10/24 11:30	1
Nickel	**18.3**		6.3	0.32	mg/Kg	☼	12/07/24 14:32	12/10/24 11:30	1
Selenium	ND		5.1	1.0	mg/Kg	☼	12/07/24 14:32	12/10/24 11:30	1
Silver	**0.29**	**J**	0.76	0.25	mg/Kg	☼	12/07/24 14:32	12/10/24 11:30	1
Zinc	**145**		2.5	1.3	mg/Kg	☼	12/07/24 14:32	12/10/24 11:30	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.14**		0.026	0.0060	mg/Kg	☼	12/07/24 07:45	12/07/24 09:49	1

Client Sample ID: BH11 1-2FT
Lab Sample ID: 480-226018-11
Date Collected: 12/04/24 12:15
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 93.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		3600	530	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Acenaphthylene	ND		3600	470	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Anthracene	ND		3600	890	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Benzo(a)anthracene	**500**	**J**	3600	360	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Benzo(a)pyrene	**550**	**J**	3600	530	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Benzo(b)fluoranthene	**660**	**J**	3600	570	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Benzo(g,h,i)perylene	**400**	**J**	3600	380	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Benzo(k)fluoranthene	ND		3600	470	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Chrysene	ND	F1	3600	800	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Dibenz(a,h)anthracene	ND		3600	630	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Dibenzofuran	ND	F2	3600	420	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Fluoranthene	**770**	**J F2**	3600	380	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Fluorene	ND		3600	420	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Hexachlorobenzene	ND	F2	3600	490	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Indeno(1,2,3-cd)pyrene	ND		3600	440	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
m-Cresol	ND		7000	550	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Naphthalene	ND		3600	470	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
1,4-Dioxane	ND	F1	2100	1200	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
o-Cresol	ND		3600	420	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
p-Cresol	ND		7000	420	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Pentachlorophenol	ND		7000	3600	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Phenanthrene	ND	F1	3600	530	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Phenol	ND		3600	550	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20
Pyrene	**640**	**J**	3600	420	ug/Kg	☼	12/09/24 07:01	12/10/24 14:00	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*69*		*26 - 143*	*12/09/24 07:01*	*12/10/24 14:00*	*20*

Client Sample ID: BH11 1-2FT
Lab Sample ID: 480-226018-11

Date Collected: 12/04/24 12:15
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 93.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*50 - 121*	*12/09/24 07:01*	*12/10/24 14:00*	*20*
2-Fluorophenol	*72*		*36 - 120*	*12/09/24 07:01*	*12/10/24 14:00*	*20*
Nitrobenzene-d5	*70*		*40 - 121*	*12/09/24 07:01*	*12/10/24 14:00*	*20*
Phenol-d5	*68*		*41 - 120*	*12/09/24 07:01*	*12/10/24 14:00*	*20*
p-Terphenyl-d14	*78*		*46 - 143*	*12/09/24 07:01*	*12/10/24 14:00*	*20*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13.3**	**F1**	2.1	0.94	mg/Kg	☼	12/07/24 14:32	12/10/24 11:32	1
Barium	**167**		0.54	0.15	mg/Kg	☼	12/07/24 14:32	12/10/24 11:32	1
Beryllium	**1.0**		0.21	0.043	mg/Kg	☼	12/07/24 14:32	12/10/24 11:32	1
Cadmium	**0.18**	**J**	0.21	0.075	mg/Kg	☼	12/07/24 14:32	12/10/24 11:32	1
Chromium	**10.6**		0.54	0.39	mg/Kg	☼	12/07/24 14:32	12/10/24 11:32	1
Copper	**22.5**		1.1	0.61	mg/Kg	☼	12/07/24 14:32	12/10/24 11:32	1
Lead	**163**	**^+**	1.1	0.49	mg/Kg	☼	12/07/24 14:32	12/10/24 11:32	1
Manganese	**520**		1.1	0.30	mg/Kg	☼	12/07/24 14:32	12/10/24 11:32	1
Nickel	**10.6**		5.4	0.27	mg/Kg	☼	12/07/24 14:32	12/10/24 11:32	1
Selenium	ND	F1	4.3	0.86	mg/Kg	☼	12/07/24 14:32	12/10/24 11:32	1
Silver	ND		0.64	0.21	mg/Kg	☼	12/07/24 14:32	12/10/24 11:32	1
Zinc	**104**		2.1	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 11:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.29**		0.021	0.0048	mg/Kg	☼	12/07/24 07:45	12/07/24 09:51	1

Client Sample ID: BH12 1-3FT
Lab Sample ID: 480-226018-12

Date Collected: 12/04/24 12:40
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 74.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2300	340	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Acenaphthylene	ND		2300	300	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Anthracene	ND		2300	560	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Benzo(a)anthracene	**780**	**J**	2300	230	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Benzo(a)pyrene	**960**	**J**	2300	340	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Benzo(b)fluoranthene	**1200**	**J**	2300	360	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Benzo(g,h,i)perylene	**820**	**J**	2300	240	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Benzo(k)fluoranthene	**500**	**J**	2300	300	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Chrysene	**940**	**J**	2300	510	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Dibenz(a,h)anthracene	ND		2300	400	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Dibenzofuran	ND		2300	270	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Fluoranthene	**1300**	**J**	2300	240	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Fluorene	ND		2300	270	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Hexachlorobenzene	ND		2300	310	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Indeno(1,2,3-cd)pyrene	**610**	**J**	2300	280	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
m-Cresol	ND		4400	350	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Naphthalene	ND		2300	300	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
1,4-Dioxane	ND		1300	740	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
o-Cresol	ND		2300	270	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10

Client Sample ID: BH12 1-3FT
Lab Sample ID: 480-226018-12
Date Collected: 12/04/24 12:40
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 74.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Cresol	ND		4400	270	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Pentachlorophenol	ND		4400	2300	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Phenanthrene	**470**	**J**	2300	340	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Phenol	ND		2300	350	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10
Pyrene	**1100**	**J**	2300	270	ug/Kg	☼	12/09/24 07:01	12/10/24 14:24	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*67*		*26 - 143*	*12/09/24 07:01*	*12/10/24 14:24*	*10*
2-Fluorobiphenyl	*88*		*50 - 121*	*12/09/24 07:01*	*12/10/24 14:24*	*10*
2-Fluorophenol	*75*		*36 - 120*	*12/09/24 07:01*	*12/10/24 14:24*	*10*
Nitrobenzene-d5	*81*		*40 - 121*	*12/09/24 07:01*	*12/10/24 14:24*	*10*
Phenol-d5	*75*		*41 - 120*	*12/09/24 07:01*	*12/10/24 14:24*	*10*
p-Terphenyl-d14	*80*		*46 - 143*	*12/09/24 07:01*	*12/10/24 14:24*	*10*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**17.1**		2.8	1.2	mg/Kg	☼	12/07/24 14:32	12/10/24 12:01	1
Barium	**297**		0.71	0.20	mg/Kg	☼	12/07/24 14:32	12/10/24 12:01	1
Beryllium	**1.1**		0.28	0.057	mg/Kg	☼	12/07/24 14:32	12/10/24 12:01	1
Cadmium	**1.3**		0.28	0.099	mg/Kg	☼	12/07/24 14:32	12/10/24 12:01	1
Chromium	**26.7**		0.71	0.51	mg/Kg	☼	12/07/24 14:32	12/10/24 12:01	1
Copper	**156**		1.4	0.81	mg/Kg	☼	12/07/24 14:32	12/10/24 12:01	1
Lead	**508**	**^+**	1.4	0.65	mg/Kg	☼	12/07/24 14:32	12/10/24 12:01	1
Manganese	**696**		1.4	0.40	mg/Kg	☼	12/07/24 14:32	12/10/24 12:01	1
Nickel	**25.8**		7.1	0.35	mg/Kg	☼	12/07/24 14:32	12/10/24 12:01	1
Selenium	**1.9**	**J**	5.7	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 12:01	1
Silver	**0.56**	**J**	0.85	0.28	mg/Kg	☼	12/07/24 14:32	12/10/24 12:01	1
Zinc	**449**		2.8	1.4	mg/Kg	☼	12/07/24 14:32	12/10/24 17:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**1.4**		0.028	0.0064	mg/Kg	☼	12/07/24 07:45	12/07/24 09:52	1

Client Sample ID: BH13 1-3FT
Lab Sample ID: 480-226018-13
Date Collected: 12/04/24 13:00
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 82.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Acenaphthylene	**260**	**J**	1000	130	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Anthracene	ND		1000	250	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Benzo(a)anthracene	**690**	**J**	1000	100	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Benzo(a)pyrene	**960**	**J**	1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Benzo(b)fluoranthene	**1300**		1000	160	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Benzo(g,h,i)perylene	**810**	**J**	1000	110	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Benzo(k)fluoranthene	**470**	**J**	1000	130	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Chrysene	**820**	**J**	1000	230	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Dibenz(a,h)anthracene	**230**	**J**	1000	180	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Dibenzofuran	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Fluoranthene	**880**	**J**	1000	110	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5

Client Sample ID: BH13 1-3FT
Lab Sample ID: 480-226018-13
Date Collected: 12/04/24 13:00
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 82.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Hexachlorobenzene	ND		1000	140	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Indeno(1,2,3-cd)pyrene	**650**	**J**	1000	130	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
m-Cresol	ND		2000	160	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Naphthalene	ND		1000	130	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
1,4-Dioxane	ND		600	330	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
o-Cresol	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
p-Cresol	ND		2000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Pentachlorophenol	ND		2000	1000	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Phenanthrene	**320**	**J**	1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Phenol	ND		1000	160	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5
Pyrene	**800**	**J**	1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 14:47	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*82*		*26 - 143*	*12/09/24 07:01*	*12/10/24 14:47*	*5*
2-Fluorobiphenyl	*90*		*50 - 121*	*12/09/24 07:01*	*12/10/24 14:47*	*5*
2-Fluorophenol	*77*		*36 - 120*	*12/09/24 07:01*	*12/10/24 14:47*	*5*
Nitrobenzene-d5	*83*		*40 - 121*	*12/09/24 07:01*	*12/10/24 14:47*	*5*
Phenol-d5	*83*		*41 - 120*	*12/09/24 07:01*	*12/10/24 14:47*	*5*
p-Terphenyl-d14	*89*		*46 - 143*	*12/09/24 07:01*	*12/10/24 14:47*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.1**		2.4	1.0	mg/Kg	☼	12/07/24 14:32	12/10/24 12:03	1
Barium	**175**		0.60	0.17	mg/Kg	☼	12/07/24 14:32	12/10/24 12:03	1
Beryllium	**0.50**		0.24	0.048	mg/Kg	☼	12/07/24 14:32	12/10/24 12:03	1
Cadmium	**0.49**		0.24	0.083	mg/Kg	☼	12/07/24 14:32	12/10/24 12:03	1
Chromium	**10.1**		0.60	0.43	mg/Kg	☼	12/07/24 14:32	12/10/24 12:03	1
Copper	**141**		1.2	0.68	mg/Kg	☼	12/07/24 14:32	12/10/24 12:03	1
Lead	**250**	**^+**	1.2	0.55	mg/Kg	☼	12/07/24 14:32	12/10/24 12:03	1
Manganese	**582**		1.2	0.33	mg/Kg	☼	12/07/24 14:32	12/10/24 12:03	1
Nickel	**11.5**		6.0	0.30	mg/Kg	☼	12/07/24 14:32	12/10/24 12:03	1
Selenium	**1.5**	**J**	4.8	0.95	mg/Kg	☼	12/07/24 14:32	12/10/24 12:03	1
Silver	**0.28**	**J**	0.71	0.24	mg/Kg	☼	12/07/24 14:32	12/10/24 12:03	1
Zinc	**194**		2.4	1.2	mg/Kg	☼	12/07/24 14:32	12/10/24 17:18	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**6.4**		0.12	0.027	mg/Kg	☼	12/07/24 07:45	12/07/24 10:50	5

Client Sample ID: BH14 2-4FT
Lab Sample ID: 480-226018-14
Date Collected: 12/04/24 13:20
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 78.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**1800**	**J**	2100	310	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Acenaphthylene	**770**	**J**	2100	280	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Anthracene	**4100**		2100	530	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Benzo(a)anthracene	**8300**		2100	210	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Benzo(a)pyrene	**7700**		2100	310	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10

Client Sample ID: BH14 2-4FT
Lab Sample ID: 480-226018-14

Date Collected: 12/04/24 13:20
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 78.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(b)fluoranthene	8200		2100	340	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Benzo(g,h,i)perylene	4800		2100	230	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Benzo(k)fluoranthene	4100		2100	280	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Chrysene	8600		2100	480	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Dibenz(a,h)anthracene	1400	J	2100	380	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Dibenzofuran	750	J	2100	250	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Fluoranthene	18000		2100	230	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Fluorene	1700	J	2100	250	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Hexachlorobenzene	ND		2100	290	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Indeno(1,2,3-cd)pyrene	3900		2100	260	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
m-Cresol	ND		4100	330	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Naphthalene	610	J	2100	280	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
1,4-Dioxane	ND		1300	690	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
o-Cresol	ND		2100	250	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
p-Cresol	ND		4100	250	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Pentachlorophenol	ND		4100	2100	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Phenanthrene	20000		2100	310	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Phenol	ND		2100	330	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10
Pyrene	19000		2100	250	ug/Kg	☼	12/09/24 07:01	12/10/24 15:11	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*92*		*26 - 143*	*12/09/24 07:01*	*12/10/24 15:11*	*10*
2-Fluorobiphenyl	*92*		*50 - 121*	*12/09/24 07:01*	*12/10/24 15:11*	*10*
2-Fluorophenol	*77*		*36 - 120*	*12/09/24 07:01*	*12/10/24 15:11*	*10*
Nitrobenzene-d5	*86*		*40 - 121*	*12/09/24 07:01*	*12/10/24 15:11*	*10*
Phenol-d5	*87*		*41 - 120*	*12/09/24 07:01*	*12/10/24 15:11*	*10*
p-Terphenyl-d14	*91*		*46 - 143*	*12/09/24 07:01*	*12/10/24 15:11*	*10*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	45.6		2.6	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 12:05	1
Barium	171		0.65	0.18	mg/Kg	☼	12/07/24 14:32	12/10/24 12:05	1
Beryllium	0.91		0.26	0.052	mg/Kg	☼	12/07/24 14:32	12/10/24 12:05	1
Cadmium	6.0		0.26	0.091	mg/Kg	☼	12/07/24 14:32	12/10/24 12:05	1
Chromium	11.6		0.65	0.47	mg/Kg	☼	12/07/24 14:32	12/10/24 12:05	1
Copper	78.4		1.3	0.74	mg/Kg	☼	12/07/24 14:32	12/10/24 12:05	1
Lead	3390	^+	1.3	0.60	mg/Kg	☼	12/07/24 14:32	12/10/24 12:05	1
Manganese	675		1.3	0.36	mg/Kg	☼	12/07/24 14:32	12/10/24 12:05	1
Nickel	22.2		6.5	0.33	mg/Kg	☼	12/07/24 14:32	12/10/24 12:05	1
Selenium	ND		5.2	1.0	mg/Kg	☼	12/07/24 14:32	12/10/24 12:05	1
Silver	0.38	J	0.78	0.26	mg/Kg	☼	12/07/24 14:32	12/10/24 12:05	1
Zinc	1140		2.6	1.3	mg/Kg	☼	12/07/24 14:32	12/10/24 17:20	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.74		0.025	0.0058	mg/Kg	☼	12/07/24 07:45	12/07/24 09:56	1

Client: Professional Drafting Services/PDS
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Job ID: 480-226018-1

Client Sample ID: BH15 1-4FT

Date Collected: 12/04/24 13:40
Date Received: 12/06/24 11:45

Lab Sample ID: 480-226018-15

Matrix: Solid
Percent Solids: 77.4

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1100	160	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Acenaphthylene	**140**	**J**	1100	140	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Anthracene	**270**	**J**	1100	270	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Benzo(a)anthracene	**940**	**J**	1100	110	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Benzo(a)pyrene	**630**	**J**	1100	160	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Benzo(b)fluoranthene	**950**	**J**	1100	170	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Benzo(g,h,i)perylene	**410**	**J**	1100	110	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Benzo(k)fluoranthene	**360**	**J**	1100	140	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Chrysene	**910**	**J**	1100	240	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Dibenz(a,h)anthracene	ND		1100	190	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Dibenzofuran	ND		1100	130	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Fluoranthene	**1900**		1100	110	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Fluorene	ND		1100	130	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Hexachlorobenzene	ND		1100	150	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Indeno(1,2,3-cd)pyrene	**340**	**J**	1100	130	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
m-Cresol	ND		2100	160	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Naphthalene	ND		1100	140	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
1,4-Dioxane	ND		630	350	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
o-Cresol	ND		1100	130	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
p-Cresol	ND		2100	130	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Pentachlorophenol	ND		2100	1100	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Phenanthrene	**1000**	**J**	1100	160	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Phenol	ND		1100	160	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5
Pyrene	**1400**		1100	130	ug/Kg	☼	12/09/24 07:01	12/10/24 15:35	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*86*		*26 - 143*	*12/09/24 07:01*	*12/10/24 15:35*	*5*
2-Fluorobiphenyl	*92*		*50 - 121*	*12/09/24 07:01*	*12/10/24 15:35*	*5*
2-Fluorophenol	*79*		*36 - 120*	*12/09/24 07:01*	*12/10/24 15:35*	*5*
Nitrobenzene-d5	*83*		*40 - 121*	*12/09/24 07:01*	*12/10/24 15:35*	*5*
Phenol-d5	*82*		*41 - 120*	*12/09/24 07:01*	*12/10/24 15:35*	*5*
p-Terphenyl-d14	*91*		*46 - 143*	*12/09/24 07:01*	*12/10/24 15:35*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13.3**		2.5	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 12:07	1
Barium	**131**		0.61	0.17	mg/Kg	☼	12/07/24 14:32	12/10/24 12:07	1
Beryllium	**1.1**		0.25	0.049	mg/Kg	☼	12/07/24 14:32	12/10/24 12:07	1
Cadmium	**0.13**	**J**	0.25	0.086	mg/Kg	☼	12/07/24 14:32	12/10/24 12:07	1
Chromium	**6.3**		0.61	0.44	mg/Kg	☼	12/07/24 14:32	12/10/24 12:07	1
Copper	**48.1**		1.2	0.70	mg/Kg	☼	12/07/24 14:32	12/10/24 12:07	1
Lead	**82.0**	**^+**	1.2	0.56	mg/Kg	☼	12/07/24 14:32	12/10/24 12:07	1
Manganese	**691**		1.2	0.34	mg/Kg	☼	12/07/24 14:32	12/10/24 12:07	1
Nickel	**10.5**		6.1	0.31	mg/Kg	☼	12/07/24 14:32	12/10/24 12:07	1
Selenium	ND		4.9	0.98	mg/Kg	☼	12/07/24 14:32	12/10/24 12:07	1
Silver	ND		0.74	0.25	mg/Kg	☼	12/07/24 14:32	12/10/24 12:07	1
Zinc	**72.4**		2.5	1.3	mg/Kg	☼	12/07/24 14:32	12/10/24 17:22	1

Client: Professional Drafting Services/PDS
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Job ID: 480-226018-1

Client Sample ID: BH15 1-4FT

Lab Sample ID: 480-226018-15
Date Collected: 12/04/24 13:40
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 77.4

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.36		0.027	0.0061	mg/Kg	☼	12/07/24 07:45	12/07/24 09:57	1

Client Sample ID: BH16 1-4FT

Lab Sample ID: 480-226018-16
Date Collected: 12/04/24 13:55
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 80.4

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	200	J	1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Acenaphthylene	130	J	1000	130	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Anthracene	510	J	1000	260	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Benzo(a)anthracene	1200		1000	100	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Benzo(a)pyrene	1100		1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Benzo(b)fluoranthene	1400		1000	160	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Benzo(g,h,i)perylene	760	J	1000	110	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Benzo(k)fluoranthene	640	J	1000	130	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Chrysene	1400		1000	230	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Dibenz(a,h)anthracene	220	J	1000	180	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Dibenzofuran	190	J	1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Fluoranthene	3000		1000	110	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Fluorene	210	J	1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Hexachlorobenzene	ND		1000	140	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Indeno(1,2,3-cd)pyrene	650	J	1000	130	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
m-Cresol	ND		2000	160	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Naphthalene	130	J	1000	130	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
1,4-Dioxane	ND		610	330	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
o-Cresol	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
p-Cresol	ND		2000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Pentachlorophenol	ND		2000	1000	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Phenanthrene	2700		1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Phenol	ND		1000	160	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5
Pyrene	2500		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 15:59	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*88*		*26 - 143*	*12/09/24 07:01*	*12/10/24 15:59*	*5*
2-Fluorobiphenyl	*90*		*50 - 121*	*12/09/24 07:01*	*12/10/24 15:59*	*5*
2-Fluorophenol	*79*		*36 - 120*	*12/09/24 07:01*	*12/10/24 15:59*	*5*
Nitrobenzene-d5	*85*		*40 - 121*	*12/09/24 07:01*	*12/10/24 15:59*	*5*
Phenol-d5	*86*		*41 - 120*	*12/09/24 07:01*	*12/10/24 15:59*	*5*
p-Terphenyl-d14	*94*		*46 - 143*	*12/09/24 07:01*	*12/10/24 15:59*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	26.8		2.6	1.2	mg/Kg	☼	12/07/24 14:32	12/10/24 12:09	1
Barium	103		0.66	0.18	mg/Kg	☼	12/07/24 14:32	12/10/24 12:09	1
Beryllium	1.0		0.26	0.053	mg/Kg	☼	12/07/24 14:32	12/10/24 12:09	1
Cadmium	0.42		0.26	0.092	mg/Kg	☼	12/07/24 14:32	12/10/24 12:09	1
Chromium	13.5		0.66	0.47	mg/Kg	☼	12/07/24 14:32	12/10/24 12:09	1
Copper	112		1.3	0.75	mg/Kg	☼	12/07/24 14:32	12/10/24 12:09	1
Lead	154	^+	1.3	0.61	mg/Kg	☼	12/07/24 14:32	12/10/24 12:09	1

Client Sample ID: BH16 1-4FT
Lab Sample ID: 480-226018-16
Date Collected: 12/04/24 13:55
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 80.4

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**287**		1.3	0.37	mg/Kg	☼	12/07/24 14:32	12/10/24 12:09	1
Nickel	**21.2**		6.6	0.33	mg/Kg	☼	12/07/24 14:32	12/10/24 12:09	1
Selenium	**2.4**	**J**	5.3	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 12:09	1
Silver	ND		0.79	0.26	mg/Kg	☼	12/07/24 14:32	12/10/24 12:09	1
Zinc	**94.8**		2.6	1.3	mg/Kg	☼	12/07/24 14:32	12/10/24 17:30	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.17**		0.026	0.0060	mg/Kg	☼	12/07/24 07:45	12/07/24 10:01	1

Client Sample ID: BH17 1-3FT
Lab Sample ID: 480-226018-17
Date Collected: 12/04/24 14:10
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 77.2

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		220	32	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Acenaphthylene	**54**	**J**	220	28	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Anthracene	**59**	**J**	220	53	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Benzo(a)anthracene	**410**		220	22	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Benzo(a)pyrene	**410**		220	32	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Benzo(b)fluoranthene	**500**		220	34	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Benzo(g,h,i)perylene	**260**		220	23	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Benzo(k)fluoranthene	**230**		220	28	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Chrysene	**450**		220	48	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Dibenz(a,h)anthracene	**77**	**J**	220	38	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Dibenzofuran	ND		220	25	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Fluoranthene	**690**		220	23	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Fluorene	ND		220	25	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Hexachlorobenzene	ND		220	29	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Indeno(1,2,3-cd)pyrene	**220**		220	27	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
m-Cresol	ND		420	33	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Naphthalene	ND		220	28	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
1,4-Dioxane	ND		130	70	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
o-Cresol	ND		220	25	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
p-Cresol	ND		420	25	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Pentachlorophenol	ND		420	220	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Phenanthrene	**250**		220	32	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Phenol	ND		220	33	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1
Pyrene	**610**		220	25	ug/Kg	☼	12/09/24 07:01	12/10/24 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*78*		*26 - 143*	*12/09/24 07:01*	*12/10/24 16:23*	*1*
2-Fluorobiphenyl	*72*		*50 - 121*	*12/09/24 07:01*	*12/10/24 16:23*	*1*
2-Fluorophenol	*60*		*36 - 120*	*12/09/24 07:01*	*12/10/24 16:23*	*1*
Nitrobenzene-d5	*64*		*40 - 121*	*12/09/24 07:01*	*12/10/24 16:23*	*1*
Phenol-d5	*67*		*41 - 120*	*12/09/24 07:01*	*12/10/24 16:23*	*1*
p-Terphenyl-d14	*81*		*46 - 143*	*12/09/24 07:01*	*12/10/24 16:23*	*1*

Client Sample ID: BH17 1-3FT
Lab Sample ID: 480-226018-17

Date Collected: 12/04/24 14:10
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 77.2

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16.2		2.7	1.2	mg/Kg	☼	12/07/24 14:32	12/10/24 12:11	1
Barium	246		0.67	0.19	mg/Kg	☼	12/07/24 14:32	12/10/24 12:11	1
Beryllium	1.2		0.27	0.054	mg/Kg	☼	12/07/24 14:32	12/10/24 12:11	1
Cadmium	0.51		0.27	0.094	mg/Kg	☼	12/07/24 14:32	12/10/24 12:11	1
Chromium	22.7		0.67	0.48	mg/Kg	☼	12/07/24 14:32	12/10/24 12:11	1
Copper	48.0		1.3	0.76	mg/Kg	☼	12/07/24 14:32	12/10/24 12:11	1
Lead	491	^+	1.3	0.62	mg/Kg	☼	12/07/24 14:32	12/10/24 12:11	1
Manganese	568		1.3	0.38	mg/Kg	☼	12/07/24 14:32	12/10/24 12:11	1
Nickel	22.1		6.7	0.34	mg/Kg	☼	12/07/24 14:32	12/10/24 12:11	1
Selenium	1.4	J	5.4	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 12:11	1
Silver	0.49	J	0.80	0.27	mg/Kg	☼	12/07/24 14:32	12/10/24 12:11	1
Zinc	227		2.7	1.4	mg/Kg	☼	12/07/24 14:32	12/10/24 17:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.72		0.026	0.0060	mg/Kg	☼	12/07/24 07:45	12/07/24 10:02	1

Client Sample ID: BH18 2-4FT
Lab Sample ID: 480-226018-18

Date Collected: 12/04/24 14:30
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 84.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	390	J	990	150	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Acenaphthylene	ND		990	130	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Anthracene	810	J	990	250	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Benzo(a)anthracene	2100		990	99	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Benzo(a)pyrene	1900		990	150	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Benzo(b)fluoranthene	2400		990	160	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Benzo(g,h,i)perylene	1200		990	110	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Benzo(k)fluoranthene	1000		990	130	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Chrysene	2300		990	220	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Dibenz(a,h)anthracene	400	J	990	180	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Dibenzofuran	340	J	990	120	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Fluoranthene	5100		990	110	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Fluorene	430	J	990	120	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Hexachlorobenzene	ND		990	130	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Indeno(1,2,3-cd)pyrene	1100		990	120	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
m-Cresol	ND		1900	150	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Naphthalene	210	J	990	130	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
1,4-Dioxane	ND		580	320	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
o-Cresol	ND		990	120	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
p-Cresol	ND		1900	120	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Pentachlorophenol	ND		1900	990	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Phenanthrene	4900		990	150	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Phenol	ND		990	150	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5
Pyrene	4000		990	120	ug/Kg	☼	12/09/24 07:01	12/10/24 16:47	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*61*		*26 - 143*	*12/09/24 07:01*	*12/10/24 16:47*	*5*

Client Sample ID: BH18 2-4FT
Lab Sample ID: 480-226018-18
Date Collected: 12/04/24 14:30
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 84.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*50 - 121*	*12/09/24 07:01*	*12/10/24 16:47*	*5*
2-Fluorophenol	*58*		*36 - 120*	*12/09/24 07:01*	*12/10/24 16:47*	*5*
Nitrobenzene-d5	*61*		*40 - 121*	*12/09/24 07:01*	*12/10/24 16:47*	*5*
Phenol-d5	*60*		*41 - 120*	*12/09/24 07:01*	*12/10/24 16:47*	*5*
p-Terphenyl-d14	*73*		*46 - 143*	*12/09/24 07:01*	*12/10/24 16:47*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**52.6**		2.5	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 12:13	1
Barium	**116**		0.62	0.17	mg/Kg	☼	12/07/24 14:32	12/10/24 12:13	1
Beryllium	**0.92**		0.25	0.050	mg/Kg	☼	12/07/24 14:32	12/10/24 12:13	1
Cadmium	**0.14**	**J**	0.25	0.087	mg/Kg	☼	12/07/24 14:32	12/10/24 12:13	1
Chromium	**7.6**		0.62	0.45	mg/Kg	☼	12/07/24 14:32	12/10/24 12:13	1
Copper	**25.9**		1.2	0.71	mg/Kg	☼	12/07/24 14:32	12/10/24 12:13	1
Lead	**143**	**^+**	1.2	0.57	mg/Kg	☼	12/07/24 14:32	12/10/24 12:13	1
Manganese	**408**		1.2	0.35	mg/Kg	☼	12/07/24 14:32	12/10/24 12:13	1
Nickel	**9.6**		6.2	0.31	mg/Kg	☼	12/07/24 14:32	12/10/24 12:13	1
Selenium	ND		5.0	1.0	mg/Kg	☼	12/07/24 14:32	12/10/24 12:13	1
Silver	ND		0.75	0.25	mg/Kg	☼	12/07/24 14:32	12/10/24 12:13	1
Zinc	**144**		2.5	1.3	mg/Kg	☼	12/07/24 14:32	12/10/24 17:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.37**		0.024	0.0055	mg/Kg	☼	12/07/24 07:45	12/07/24 10:04	1

Client Sample ID: BH19 1-3FT
Lab Sample ID: 480-226018-19
Date Collected: 12/04/24 14:45
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 79.2

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2100	310	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Acenaphthylene	ND		2100	270	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Anthracene	ND		2100	520	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Benzo(a)anthracene	**850**	**J**	2100	210	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Benzo(a)pyrene	**740**	**J**	2100	310	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Benzo(b)fluoranthene	**1100**	**J**	2100	330	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Benzo(g,h,i)perylene	**440**	**J**	2100	220	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Benzo(k)fluoranthene	**480**	**J**	2100	270	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Chrysene	**830**	**J**	2100	470	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Dibenz(a,h)anthracene	ND		2100	370	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Dibenzofuran	ND		2100	250	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Fluoranthene	**1600**	**J**	2100	220	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Fluorene	ND		2100	250	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Hexachlorobenzene	ND		2100	280	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Indeno(1,2,3-cd)pyrene	**410**	**J**	2100	260	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
m-Cresol	ND		4100	320	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Naphthalene	ND		2100	270	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
1,4-Dioxane	ND		1200	680	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
o-Cresol	ND		2100	250	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10

Client Sample ID: BH19 1-3FT
Lab Sample ID: 480-226018-19

Date Collected: 12/04/24 14:45
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 79.2

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Cresol	ND		4100	250	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Pentachlorophenol	ND		4100	2100	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Phenanthrene	ND		2100	310	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Phenol	ND		2100	320	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10
Pyrene	**1300**	**J**	2100	250	ug/Kg	☼	12/09/24 07:01	12/10/24 17:11	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*60*		*26 - 143*	*12/09/24 07:01*	*12/10/24 17:11*	*10*
2-Fluorobiphenyl	*70*		*50 - 121*	*12/09/24 07:01*	*12/10/24 17:11*	*10*
2-Fluorophenol	*62*		*36 - 120*	*12/09/24 07:01*	*12/10/24 17:11*	*10*
Nitrobenzene-d5	*67*		*40 - 121*	*12/09/24 07:01*	*12/10/24 17:11*	*10*
Phenol-d5	*66*		*41 - 120*	*12/09/24 07:01*	*12/10/24 17:11*	*10*
p-Terphenyl-d14	*70*		*46 - 143*	*12/09/24 07:01*	*12/10/24 17:11*	*10*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**		2.6	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Barium	**136**		0.64	0.18	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Beryllium	**1.1**		0.26	0.051	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Cadmium	**0.32**		0.26	0.090	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Chromium	**21.1**		0.64	0.46	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Copper	**33.2**		1.3	0.73	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Lead	**76.1**	**^+**	1.3	0.59	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Manganese	**531**		1.3	0.36	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Nickel	**26.4**		6.4	0.32	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Selenium	**1.2**	**J**	5.1	1.0	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Silver	**0.33**	**J**	0.77	0.26	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Zinc	**82.9**		2.6	1.3	mg/Kg	☼	12/07/24 14:32	12/10/24 17:35	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.13**		0.027	0.0061	mg/Kg	☼	12/07/24 07:45	12/07/24 10:05	1

Client Sample ID: BH20 1-3FT
Lab Sample ID: 480-226018-20

Date Collected: 12/04/24 15:00
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 88.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1900	280	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Acenaphthylene	ND		1900	240	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Anthracene	ND		1900	470	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Benzo(a)anthracene	**380**	**J**	1900	190	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Benzo(a)pyrene	**440**	**J**	1900	280	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Benzo(b)fluoranthene	**750**	**J**	1900	300	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Benzo(g,h,i)perylene	**400**	**J**	1900	200	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Benzo(k)fluoranthene	**290**	**J**	1900	240	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Chrysene	**680**	**J**	1900	420	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Dibenz(a,h)anthracene	ND		1900	330	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Dibenzofuran	ND		1900	220	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Fluoranthene	**1100**	**J**	1900	200	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10

Client Sample ID: BH20 1-3FT
Lab Sample ID: 480-226018-20
Date Collected: 12/04/24 15:00
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 88.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		1900	220	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Hexachlorobenzene	ND		1900	260	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Indeno(1,2,3-cd)pyrene	**350**	**J**	1900	230	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
m-Cresol	ND		3700	290	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Naphthalene	ND		1900	240	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
1,4-Dioxane	ND		1100	610	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
o-Cresol	ND		1900	220	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
p-Cresol	ND		3700	220	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Pentachlorophenol	ND		3700	1900	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Phenanthrene	**950**	**J**	1900	280	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Phenol	ND		1900	290	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10
Pyrene	**810**	**J**	1900	220	ug/Kg	☼	12/09/24 07:01	12/10/24 17:35	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*60*		*26 - 143*	*12/09/24 07:01*	*12/10/24 17:35*	*10*
2-Fluorobiphenyl	*76*		*50 - 121*	*12/09/24 07:01*	*12/10/24 17:35*	*10*
2-Fluorophenol	*66*		*36 - 120*	*12/09/24 07:01*	*12/10/24 17:35*	*10*
Nitrobenzene-d5	*67*		*40 - 121*	*12/09/24 07:01*	*12/10/24 17:35*	*10*
Phenol-d5	*72*		*41 - 120*	*12/09/24 07:01*	*12/10/24 17:35*	*10*
p-Terphenyl-d14	*82*		*46 - 143*	*12/09/24 07:01*	*12/10/24 17:35*	*10*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16.0**		2.2	0.98	mg/Kg	☼	12/07/24 14:32	12/10/24 12:16	1
Barium	**117**		0.56	0.16	mg/Kg	☼	12/07/24 14:32	12/10/24 12:16	1
Beryllium	**0.69**		0.22	0.045	mg/Kg	☼	12/07/24 14:32	12/10/24 12:16	1
Cadmium	**0.40**		0.22	0.078	mg/Kg	☼	12/07/24 14:32	12/10/24 12:16	1
Chromium	**14.1**		0.56	0.40	mg/Kg	☼	12/07/24 14:32	12/10/24 12:16	1
Copper	**27.3**		1.1	0.64	mg/Kg	☼	12/07/24 14:32	12/10/24 12:16	1
Lead	**110**	**^+**	1.1	0.51	mg/Kg	☼	12/07/24 14:32	12/10/24 12:16	1
Manganese	**187**		1.1	0.31	mg/Kg	☼	12/07/24 14:32	12/10/24 12:16	1
Nickel	**21.4**		5.6	0.28	mg/Kg	☼	12/07/24 14:32	12/10/24 12:16	1
Selenium	**2.4**	**J**	4.5	0.89	mg/Kg	☼	12/07/24 14:32	12/10/24 12:16	1
Silver	ND		0.67	0.22	mg/Kg	☼	12/07/24 14:32	12/10/24 12:16	1
Zinc	**264**		2.2	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 17:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.097**		0.022	0.0050	mg/Kg	☼	12/07/24 07:45	12/07/24 10:06	1

Client Sample ID: BH21 1-3FT
Lab Sample ID: 480-226018-21
Date Collected: 12/05/24 08:00
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 80.2

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Acenaphthylene	**170**	**J**	1000	140	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Anthracene	ND		1000	260	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Benzo(a)anthracene	**460**	**J**	1000	100	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Benzo(a)pyrene	**450**	**J**	1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5

Client Sample ID: BH21 1-3FT
Lab Sample ID: 480-226018-21

Date Collected: 12/05/24 08:00
Matrix: Solid

Date Received: 12/06/24 11:45
Percent Solids: 80.2

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(b)fluoranthene	**710**	**J**	1000	170	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Benzo(g,h,i)perylene	**360**	**J**	1000	110	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Benzo(k)fluoranthene	**280**	**J**	1000	140	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Chrysene	**580**	**J**	1000	230	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Dibenz(a,h)anthracene	ND		1000	180	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Dibenzofuran	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Fluoranthene	**860**	**J**	1000	110	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Fluorene	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Hexachlorobenzene	ND		1000	140	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Indeno(1,2,3-cd)pyrene	**290**	**J**	1000	130	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
m-Cresol	ND		2000	160	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Naphthalene	ND		1000	140	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
1,4-Dioxane	ND		610	340	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
o-Cresol	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
p-Cresol	ND		2000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Pentachlorophenol	ND		2000	1000	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Phenanthrene	**420**	**J**	1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Phenol	ND		1000	160	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5
Pyrene	**760**	**J**	1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 17:59	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*59*		*26 - 143*	*12/09/24 07:01*	*12/10/24 17:59*	*5*
2-Fluorobiphenyl	*63*		*50 - 121*	*12/09/24 07:01*	*12/10/24 17:59*	*5*
2-Fluorophenol	*53*		*36 - 120*	*12/09/24 07:01*	*12/10/24 17:59*	*5*
Nitrobenzene-d5	*56*		*40 - 121*	*12/09/24 07:01*	*12/10/24 17:59*	*5*
Phenol-d5	*55*		*41 - 120*	*12/09/24 07:01*	*12/10/24 17:59*	*5*
p-Terphenyl-d14	*66*		*46 - 143*	*12/09/24 07:01*	*12/10/24 17:59*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11.2**		2.5	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 12:02	1
Barium	**100**		0.61	0.17	mg/Kg	☼	12/07/24 14:32	12/10/24 12:02	1
Beryllium	**1.4**		0.25	0.049	mg/Kg	☼	12/07/24 14:32	12/10/24 12:02	1
Cadmium	**0.13**	**J**	0.25	0.086	mg/Kg	☼	12/07/24 14:32	12/10/24 12:02	1
Chromium	**6.4**		0.61	0.44	mg/Kg	☼	12/07/24 14:32	12/10/24 12:02	1
Copper	**20.5**		1.2	0.70	mg/Kg	☼	12/07/24 14:32	12/10/24 12:02	1
Lead	**161**		1.2	0.56	mg/Kg	☼	12/07/24 14:32	12/10/24 12:02	1
Manganese	**609**		1.2	0.34	mg/Kg	☼	12/07/24 14:32	12/10/24 12:02	1
Nickel	**35.3**		6.1	0.31	mg/Kg	☼	12/07/24 14:32	12/10/24 12:02	1
Selenium	ND		4.9	0.98	mg/Kg	☼	12/07/24 14:32	12/10/24 12:02	1
Silver	ND		0.74	0.25	mg/Kg	☼	12/07/24 14:32	12/10/24 12:02	1
Zinc	**69.5**		2.5	1.3	mg/Kg	☼	12/07/24 14:32	12/10/24 12:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.11**		0.026	0.0060	mg/Kg	☼	12/07/24 07:45	12/07/24 10:10	1

Client Sample ID: BH22 1-3FT
Lab Sample ID: 480-226018-22

Date Collected: 12/05/24 08:40
Matrix: Solid

Date Received: 12/06/24 11:45
Percent Solids: 87.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1900	280	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Acenaphthylene	**630**	**J**	1900	250	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Anthracene	**590**	**J**	1900	480	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Benzo(a)anthracene	**2200**		1900	190	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Benzo(a)pyrene	**2000**		1900	280	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Benzo(b)fluoranthene	**2600**		1900	310	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Benzo(g,h,i)perylene	**1300**	**J**	1900	200	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Benzo(k)fluoranthene	**1200**	**J**	1900	250	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Chrysene	**2300**		1900	430	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Dibenz(a,h)anthracene	**410**	**J**	1900	340	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Dibenzofuran	ND		1900	230	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Fluoranthene	**4100**		1900	200	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Fluorene	ND		1900	230	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Hexachlorobenzene	ND		1900	260	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Indeno(1,2,3-cd)pyrene	**1100**	**J**	1900	240	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
m-Cresol	ND		3800	300	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Naphthalene	ND		1900	250	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
1,4-Dioxane	ND		1100	630	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
o-Cresol	ND		1900	230	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
p-Cresol	ND		3800	230	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Pentachlorophenol	ND		3800	1900	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Phenanthrene	**1900**		1900	280	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Phenol	ND		1900	300	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10
Pyrene	**3600**		1900	230	ug/Kg	☼	12/09/24 07:01	12/10/24 18:23	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*65*		*26 - 143*	*12/09/24 07:01*	*12/10/24 18:23*	*10*
2-Fluorobiphenyl	*70*		*50 - 121*	*12/09/24 07:01*	*12/10/24 18:23*	*10*
2-Fluorophenol	*57*		*36 - 120*	*12/09/24 07:01*	*12/10/24 18:23*	*10*
Nitrobenzene-d5	*61*		*40 - 121*	*12/09/24 07:01*	*12/10/24 18:23*	*10*
Phenol-d5	*65*		*41 - 120*	*12/09/24 07:01*	*12/10/24 18:23*	*10*
p-Terphenyl-d14	*80*		*46 - 143*	*12/09/24 07:01*	*12/10/24 18:23*	*10*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.9**		2.4	1.0	mg/Kg	☼	12/07/24 14:32	12/10/24 12:04	1
Barium	**88.1**		0.60	0.17	mg/Kg	☼	12/07/24 14:32	12/10/24 12:04	1
Beryllium	**0.69**		0.24	0.048	mg/Kg	☼	12/07/24 14:32	12/10/24 12:04	1
Cadmium	**0.44**		0.24	0.083	mg/Kg	☼	12/07/24 14:32	12/10/24 12:04	1
Chromium	**16.8**		0.60	0.43	mg/Kg	☼	12/07/24 14:32	12/10/24 12:04	1
Copper	**60.3**		1.2	0.68	mg/Kg	☼	12/07/24 14:32	12/10/24 12:04	1
Lead	**97.3**		1.2	0.55	mg/Kg	☼	12/07/24 14:32	12/10/24 12:04	1
Manganese	**501**		1.2	0.33	mg/Kg	☼	12/07/24 14:32	12/10/24 12:04	1
Nickel	**22.5**		6.0	0.30	mg/Kg	☼	12/07/24 14:32	12/10/24 12:04	1
Selenium	ND		4.8	0.95	mg/Kg	☼	12/07/24 14:32	12/10/24 12:04	1
Silver	ND		0.72	0.24	mg/Kg	☼	12/07/24 14:32	12/10/24 12:04	1
Zinc	**126**	**F1**	2.4	1.2	mg/Kg	☼	12/07/24 14:32	12/10/24 12:04	1

Client Sample ID: BH22 1-3FT
Lab Sample ID: 480-226018-22
Date Collected: 12/05/24 08:40
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 87.5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.15**		0.023	0.0054	mg/Kg	☼	12/07/24 07:45	12/07/24 10:11	1

Client Sample ID: BH23 1-3FT
Lab Sample ID: 480-226018-23
Date Collected: 12/05/24 08:50
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 80.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Acenaphthylene	**230**	**J**	1000	140	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Anthracene	**450**	**J**	1000	260	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Benzo(a)anthracene	**1800**		1000	100	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Benzo(a)pyrene	**1600**		1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Benzo(b)fluoranthene	**1900**		1000	170	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Benzo(g,h,i)perylene	**1000**		1000	110	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Benzo(k)fluoranthene	**850**	**J**	1000	140	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Chrysene	**1800**		1000	230	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Dibenz(a,h)anthracene	**270**	**J**	1000	190	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Dibenzofuran	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Fluoranthene	**3900**		1000	110	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Fluorene	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Hexachlorobenzene	ND		1000	140	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Indeno(1,2,3-cd)pyrene	**890**	**J**	1000	130	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
m-Cresol	ND		2000	160	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Naphthalene	ND		1000	140	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
1,4-Dioxane	ND		620	340	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
o-Cresol	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
p-Cresol	ND		2000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Pentachlorophenol	ND		2000	1000	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Phenanthrene	**2400**		1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Phenol	ND		1000	160	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5
Pyrene	**3100**		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 18:47	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*66*		*26 - 143*	*12/09/24 07:01*	*12/10/24 18:47*	*5*
2-Fluorobiphenyl	*76*		*50 - 121*	*12/09/24 07:01*	*12/10/24 18:47*	*5*
2-Fluorophenol	*60*		*36 - 120*	*12/09/24 07:01*	*12/10/24 18:47*	*5*
Nitrobenzene-d5	*66*		*40 - 121*	*12/09/24 07:01*	*12/10/24 18:47*	*5*
Phenol-d5	*63*		*41 - 120*	*12/09/24 07:01*	*12/10/24 18:47*	*5*
p-Terphenyl-d14	*76*		*46 - 143*	*12/09/24 07:01*	*12/10/24 18:47*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**27.4**		2.4	1.0	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Barium	**152**		0.59	0.17	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Beryllium	**0.87**		0.24	0.047	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Cadmium	**0.56**		0.24	0.083	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Chromium	**12.3**		0.59	0.43	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Copper	**93.3**		1.2	0.68	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Lead	**279**		1.2	0.55	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1

Client Sample ID: BH23 1-3FT
Lab Sample ID: 480-226018-23
Date Collected: 12/05/24 08:50
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 80.3

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**1070**		1.2	0.33	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Nickel	**23.4**		5.9	0.30	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Selenium	ND		4.7	0.95	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Silver	ND		0.71	0.24	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1
Zinc	**253**		2.4	1.2	mg/Kg	☼	12/07/24 14:32	12/10/24 12:14	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.52**		0.026	0.0060	mg/Kg	☼	12/07/24 07:45	12/07/24 10:13	1

Client Sample ID: BH24 1-3FT
Lab Sample ID: 480-226018-24
Date Collected: 12/05/24 09:00
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 87.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1900	280	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Acenaphthylene	**710**	**J**	1900	250	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Anthracene	ND		1900	480	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Benzo(a)anthracene	**1300**	**J**	1900	190	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Benzo(a)pyrene	**1900**		1900	280	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Benzo(b)fluoranthene	**3000**		1900	310	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Benzo(g,h,i)perylene	**1500**	**J**	1900	200	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Benzo(k)fluoranthene	**1300**	**J**	1900	250	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Chrysene	**2500**		1900	430	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Dibenz(a,h)anthracene	**470**	**J**	1900	340	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Dibenzofuran	ND		1900	230	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Fluoranthene	**5400**		1900	200	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Fluorene	ND		1900	230	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Hexachlorobenzene	ND		1900	260	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Indeno(1,2,3-cd)pyrene	**1400**	**J**	1900	240	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
m-Cresol	ND		3700	290	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Naphthalene	ND		1900	250	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
1,4-Dioxane	ND		1100	620	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
o-Cresol	ND		1900	230	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
p-Cresol	ND		3700	230	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Pentachlorophenol	ND		3700	1900	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Phenanthrene	**2800**		1900	280	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Phenol	ND		1900	290	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10
Pyrene	**3500**		1900	230	ug/Kg	☼	12/09/24 07:01	12/10/24 19:11	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*71*		*26 - 143*	*12/09/24 07:01*	*12/10/24 19:11*	*10*
2-Fluorobiphenyl	*81*		*50 - 121*	*12/09/24 07:01*	*12/10/24 19:11*	*10*
2-Fluorophenol	*69*		*36 - 120*	*12/09/24 07:01*	*12/10/24 19:11*	*10*
Nitrobenzene-d5	*70*		*40 - 121*	*12/09/24 07:01*	*12/10/24 19:11*	*10*
Phenol-d5	*71*		*41 - 120*	*12/09/24 07:01*	*12/10/24 19:11*	*10*
p-Terphenyl-d14	*77*		*46 - 143*	*12/09/24 07:01*	*12/10/24 19:11*	*10*

Client Sample ID: BH24 1-3FT
Lab Sample ID: 480-226018-24

Date Collected: 12/05/24 09:00
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 87.0

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**61.4**		2.3	1.0	mg/Kg	☼	12/07/24 14:32	12/10/24 12:21	1
Barium	**118**		0.58	0.16	mg/Kg	☼	12/07/24 14:32	12/10/24 12:21	1
Beryllium	**0.83**		0.23	0.047	mg/Kg	☼	12/07/24 14:32	12/10/24 12:21	1
Cadmium	**0.29**		0.23	0.082	mg/Kg	☼	12/07/24 14:32	12/10/24 12:21	1
Chromium	**12.0**		0.58	0.42	mg/Kg	☼	12/07/24 14:32	12/10/24 12:21	1
Copper	**33.9**		1.2	0.67	mg/Kg	☼	12/07/24 14:32	12/10/24 12:21	1
Lead	**108**		1.2	0.54	mg/Kg	☼	12/07/24 14:32	12/10/24 12:21	1
Manganese	**1180**		1.2	0.33	mg/Kg	☼	12/07/24 14:32	12/10/24 12:21	1
Nickel	**27.9**		5.8	0.29	mg/Kg	☼	12/07/24 14:32	12/10/24 12:21	1
Selenium	**1.3**	**J**	4.7	0.93	mg/Kg	☼	12/07/24 14:32	12/10/24 12:21	1
Silver	ND		0.70	0.23	mg/Kg	☼	12/07/24 14:32	12/10/24 12:21	1
Zinc	**107**		2.3	1.2	mg/Kg	☼	12/07/24 14:32	12/10/24 12:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.22**		0.022	0.0051	mg/Kg	☼	12/07/24 07:45	12/07/24 10:17	1

Client Sample ID: BH25 1-3FT
Lab Sample ID: 480-226018-25

Date Collected: 12/05/24 09:15
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 82.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Acenaphthylene	ND		1000	130	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Anthracene	ND		1000	250	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Benzo(a)anthracene	**220**	**J**	1000	100	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Benzo(a)pyrene	**170**	**J**	1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Benzo(b)fluoranthene	**250**	**J**	1000	160	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Benzo(g,h,i)perylene	**120**	**J**	1000	110	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Benzo(k)fluoranthene	ND		1000	130	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Chrysene	**280**	**J**	1000	230	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Dibenz(a,h)anthracene	ND		1000	180	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Dibenzofuran	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Fluoranthene	**300**	**J**	1000	110	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Fluorene	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Hexachlorobenzene	ND		1000	140	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Indeno(1,2,3-cd)pyrene	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
m-Cresol	ND		2000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Naphthalene	ND		1000	130	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
1,4-Dioxane	ND		590	330	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
o-Cresol	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
p-Cresol	ND		2000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Pentachlorophenol	ND		2000	1000	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Phenanthrene	**190**	**J**	1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Phenol	ND		1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5
Pyrene	**270**	**J**	1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 19:35	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*65*		*26 - 143*	*12/09/24 07:01*	*12/10/24 19:35*	*5*

Client Sample ID: BH25 1-3FT
Lab Sample ID: 480-226018-25
Date Collected: 12/05/24 09:15
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 82.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*50 - 121*	*12/09/24 07:01*	*12/10/24 19:35*	*5*
2-Fluorophenol	*50*		*36 - 120*	*12/09/24 07:01*	*12/10/24 19:35*	*5*
Nitrobenzene-d5	*56*		*40 - 121*	*12/09/24 07:01*	*12/10/24 19:35*	*5*
Phenol-d5	*55*		*41 - 120*	*12/09/24 07:01*	*12/10/24 19:35*	*5*
p-Terphenyl-d14	*71*		*46 - 143*	*12/09/24 07:01*	*12/10/24 19:35*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**29.3**		2.3	1.0	mg/Kg	☼	12/07/24 14:32	12/10/24 12:23	1
Barium	**373**		0.59	0.16	mg/Kg	☼	12/07/24 14:32	12/10/24 12:23	1
Beryllium	**0.93**		0.23	0.047	mg/Kg	☼	12/07/24 14:32	12/10/24 12:23	1
Cadmium	**0.22**	**J**	0.23	0.082	mg/Kg	☼	12/07/24 14:32	12/10/24 12:23	1
Chromium	**23.8**		0.59	0.42	mg/Kg	☼	12/07/24 14:32	12/10/24 12:23	1
Copper	**64.1**		1.2	0.67	mg/Kg	☼	12/07/24 14:32	12/10/24 12:23	1
Lead	**42.1**		1.2	0.54	mg/Kg	☼	12/07/24 14:32	12/10/24 12:23	1
Manganese	**2110**		1.2	0.33	mg/Kg	☼	12/07/24 14:32	12/10/24 12:23	1
Nickel	**65.9**		5.9	0.29	mg/Kg	☼	12/07/24 14:32	12/10/24 12:23	1
Selenium	ND		4.7	0.94	mg/Kg	☼	12/07/24 14:32	12/10/24 12:23	1
Silver	**0.30**	**J**	0.70	0.23	mg/Kg	☼	12/07/24 14:32	12/10/24 12:23	1
Zinc	**107**		2.3	1.2	mg/Kg	☼	12/07/24 14:32	12/10/24 12:23	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.11**		0.024	0.0056	mg/Kg	☼	12/07/24 07:45	12/07/24 10:18	1

Client Sample ID: BH26 1-3FT
Lab Sample ID: 480-226018-26
Date Collected: 12/05/24 09:45
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 83.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Acenaphthylene	ND		1000	130	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Anthracene	**270**	**J**	1000	250	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Benzo(a)anthracene	**1000**		1000	100	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Benzo(a)pyrene	**920**	**J**	1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Benzo(b)fluoranthene	**1200**		1000	160	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Benzo(g,h,i)perylene	**560**	**J**	1000	110	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Benzo(k)fluoranthene	**500**	**J**	1000	130	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Chrysene	**1000**		1000	220	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Dibenz(a,h)anthracene	ND		1000	180	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Dibenzofuran	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Fluoranthene	**2000**		1000	110	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Fluorene	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Hexachlorobenzene	ND		1000	140	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Indeno(1,2,3-cd)pyrene	**520**	**J**	1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
m-Cresol	ND		1900	150	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Naphthalene	ND		1000	130	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
1,4-Dioxane	ND		590	320	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
o-Cresol	ND		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5

Client Sample ID: BH26 1-3FT
Lab Sample ID: 480-226018-26
Date Collected: 12/05/24 09:45
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 83.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Cresol	ND		1900	120	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Pentachlorophenol	ND		1900	1000	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Phenanthrene	**1100**		1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Phenol	ND		1000	150	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5
Pyrene	**1600**		1000	120	ug/Kg	☼	12/09/24 07:01	12/10/24 19:59	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*50*		*26 - 143*	*12/09/24 07:01*	*12/10/24 19:59*	*5*
2-Fluorobiphenyl	*51*		*50 - 121*	*12/09/24 07:01*	*12/10/24 19:59*	*5*
2-Fluorophenol	*42*		*36 - 120*	*12/09/24 07:01*	*12/10/24 19:59*	*5*
Nitrobenzene-d5	*44*		*40 - 121*	*12/09/24 07:01*	*12/10/24 19:59*	*5*
Phenol-d5	*45*		*41 - 120*	*12/09/24 07:01*	*12/10/24 19:59*	*5*
p-Terphenyl-d14	*61*		*46 - 143*	*12/09/24 07:01*	*12/10/24 19:59*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14.6**		2.4	1.0	mg/Kg	☼	12/07/24 14:32	12/10/24 12:25	1
Barium	**233**		0.60	0.17	mg/Kg	☼	12/07/24 14:32	12/10/24 12:25	1
Beryllium	**0.95**		0.24	0.048	mg/Kg	☼	12/07/24 14:32	12/10/24 12:25	1
Cadmium	**0.70**		0.24	0.084	mg/Kg	☼	12/07/24 14:32	12/10/24 12:25	1
Chromium	**23.8**		0.60	0.43	mg/Kg	☼	12/07/24 14:32	12/10/24 12:25	1
Copper	**133**		1.2	0.68	mg/Kg	☼	12/07/24 14:32	12/10/24 12:25	1
Lead	**193**		1.2	0.55	mg/Kg	☼	12/07/24 14:32	12/10/24 12:25	1
Manganese	**865**		1.2	0.33	mg/Kg	☼	12/07/24 14:32	12/10/24 12:25	1
Nickel	**35.8**		6.0	0.30	mg/Kg	☼	12/07/24 14:32	12/10/24 12:25	1
Selenium	ND		4.8	0.95	mg/Kg	☼	12/07/24 14:32	12/10/24 12:25	1
Silver	**0.46**	**J**	0.72	0.24	mg/Kg	☼	12/07/24 14:32	12/10/24 12:25	1
Zinc	**250**		2.4	1.2	mg/Kg	☼	12/07/24 14:32	12/10/24 12:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.40**		0.024	0.0056	mg/Kg	☼	12/07/24 07:45	12/07/24 10:19	1

Client Sample ID: NS1 1FT
Lab Sample ID: 480-226018-27
Date Collected: 12/05/24 08:10
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 86.1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2000	290	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Acenaphthylene	ND		2000	260	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Anthracene	ND		2000	490	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Benzo(a)anthracene	**550**	**J**	2000	200	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Benzo(a)pyrene	**670**	**J**	2000	290	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Benzo(b)fluoranthene	**720**	**J**	2000	310	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Benzo(g,h,i)perylene	**550**	**J**	2000	210	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Benzo(k)fluoranthene	**280**	**J**	2000	260	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Chrysene	**630**	**J**	2000	440	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Dibenz(a,h)anthracene	ND		2000	350	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Dibenzofuran	ND		2000	230	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Fluoranthene	**1200**	**J**	2000	210	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10

Client Sample ID: NS1 1FT
Lab Sample ID: 480-226018-27
Date Collected: 12/05/24 08:10
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 86.1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		2000	230	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Hexachlorobenzene	ND		2000	270	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Indeno(1,2,3-cd)pyrene	**390**	**J**	2000	240	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
m-Cresol	ND		3800	300	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Naphthalene	ND		2000	260	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
1,4-Dioxane	ND		1200	640	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
o-Cresol	ND		2000	230	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
p-Cresol	ND		3800	230	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Pentachlorophenol	ND		3800	2000	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Phenanthrene	**650**	**J**	2000	290	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Phenol	ND		2000	300	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10
Pyrene	**1400**	**J**	2000	230	ug/Kg	☼	12/09/24 07:01	12/10/24 20:23	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*63*		*26 - 143*	*12/09/24 07:01*	*12/10/24 20:23*	*10*
2-Fluorobiphenyl	*69*		*50 - 121*	*12/09/24 07:01*	*12/10/24 20:23*	*10*
2-Fluorophenol	*57*		*36 - 120*	*12/09/24 07:01*	*12/10/24 20:23*	*10*
Nitrobenzene-d5	*57*		*40 - 121*	*12/09/24 07:01*	*12/10/24 20:23*	*10*
Phenol-d5	*63*		*41 - 120*	*12/09/24 07:01*	*12/10/24 20:23*	*10*
p-Terphenyl-d14	*74*		*46 - 143*	*12/09/24 07:01*	*12/10/24 20:23*	*10*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.4**		2.3	1.0	mg/Kg	☼	12/07/24 14:32	12/10/24 12:27	1
Barium	**108**		0.58	0.16	mg/Kg	☼	12/07/24 14:32	12/10/24 12:27	1
Beryllium	**0.80**		0.23	0.046	mg/Kg	☼	12/07/24 14:32	12/10/24 12:27	1
Cadmium	**0.28**		0.23	0.081	mg/Kg	☼	12/07/24 14:32	12/10/24 12:27	1
Chromium	**21.6**		0.58	0.41	mg/Kg	☼	12/07/24 14:32	12/10/24 12:27	1
Copper	**28.6**		1.2	0.66	mg/Kg	☼	12/07/24 14:32	12/10/24 12:27	1
Lead	**42.9**		1.2	0.53	mg/Kg	☼	12/07/24 14:32	12/10/24 12:27	1
Manganese	**830**		1.2	0.32	mg/Kg	☼	12/07/24 14:32	12/10/24 12:27	1
Nickel	**30.4**		5.8	0.29	mg/Kg	☼	12/07/24 14:32	12/10/24 12:27	1
Selenium	ND		4.6	0.92	mg/Kg	☼	12/07/24 14:32	12/10/24 12:27	1
Silver	**0.33**	**J**	0.69	0.23	mg/Kg	☼	12/07/24 14:32	12/10/24 12:27	1
Zinc	**99.8**		2.3	1.2	mg/Kg	☼	12/07/24 14:32	12/10/24 12:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.053**		0.024	0.0055	mg/Kg	☼	12/07/24 07:45	12/07/24 10:21	1

Client Sample ID: NS2 1FT
Lab Sample ID: 480-226018-28
Date Collected: 12/05/24 08:15
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 79.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2100	310	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Acenaphthylene	**350**	**J**	2100	270	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Anthracene	ND		2100	510	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Benzo(a)anthracene	**1600**	**J**	2100	210	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Benzo(a)pyrene	**1600**	**J**	2100	310	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10

Client Sample ID: NS2 1FT
Lab Sample ID: 480-226018-28

Date Collected: 12/05/24 08:15
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 79.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(b)fluoranthene	**2000**	**J**	2100	330	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Benzo(g,h,i)perylene	**1300**	**J**	2100	220	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Benzo(k)fluoranthene	**810**	**J**	2100	270	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Chrysene	**1800**	**J**	2100	470	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Dibenz(a,h)anthracene	ND		2100	370	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Dibenzofuran	ND		2100	240	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Fluoranthene	**3300**		2100	220	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Fluorene	ND		2100	240	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Hexachlorobenzene	ND		2100	280	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Indeno(1,2,3-cd)pyrene	**1000**	**J**	2100	260	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
m-Cresol	ND		4000	320	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Naphthalene	ND		2100	270	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
1,4-Dioxane	ND		1200	670	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
o-Cresol	ND		2100	240	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
p-Cresol	ND		4000	240	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Pentachlorophenol	ND		4000	2100	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Phenanthrene	**1500**	**J**	2100	310	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Phenol	ND		2100	320	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10
Pyrene	**3000**		2100	240	ug/Kg	☼	12/09/24 07:01	12/10/24 20:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*74*		*26 - 143*	*12/09/24 07:01*	*12/10/24 20:46*	*10*
2-Fluorobiphenyl	*84*		*50 - 121*	*12/09/24 07:01*	*12/10/24 20:46*	*10*
2-Fluorophenol	*70*		*36 - 120*	*12/09/24 07:01*	*12/10/24 20:46*	*10*
Nitrobenzene-d5	*72*		*40 - 121*	*12/09/24 07:01*	*12/10/24 20:46*	*10*
Phenol-d5	*71*		*41 - 120*	*12/09/24 07:01*	*12/10/24 20:46*	*10*
p-Terphenyl-d14	*82*		*46 - 143*	*12/09/24 07:01*	*12/10/24 20:46*	*10*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**33.3**		2.5	1.1	mg/Kg	☼	12/07/24 14:32	12/10/24 12:29	1
Barium	**122**		0.64	0.18	mg/Kg	☼	12/07/24 14:32	12/10/24 12:29	1
Beryllium	**1.3**		0.25	0.051	mg/Kg	☼	12/07/24 14:32	12/10/24 12:29	1
Cadmium	**0.33**		0.25	0.089	mg/Kg	☼	12/07/24 14:32	12/10/24 12:29	1
Chromium	**17.4**		0.64	0.46	mg/Kg	☼	12/07/24 14:32	12/10/24 12:29	1
Copper	**249**		1.3	0.73	mg/Kg	☼	12/07/24 14:32	12/10/24 12:29	1
Lead	**370**		1.3	0.59	mg/Kg	☼	12/07/24 14:32	12/10/24 12:29	1
Manganese	**167**		1.3	0.36	mg/Kg	☼	12/07/24 14:32	12/10/24 12:29	1
Nickel	**21.7**		6.4	0.32	mg/Kg	☼	12/07/24 14:32	12/10/24 12:29	1
Selenium	ND		5.1	1.0	mg/Kg	☼	12/07/24 14:32	12/10/24 12:29	1
Silver	ND		0.76	0.25	mg/Kg	☼	12/07/24 14:32	12/10/24 12:29	1
Zinc	**96.8**		2.5	1.3	mg/Kg	☼	12/07/24 14:32	12/10/24 12:29	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.13**		0.025	0.0058	mg/Kg	☼	12/07/24 07:45	12/07/24 10:22	1

Client: Professional Drafting Services/PDS
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Job ID: 480-226018-1

Client Sample ID: NS3 1FT

Date Collected: 12/05/24 08:20
Date Received: 12/06/24 11:45

Lab Sample ID: 480-226018-29

Matrix: Solid
Percent Solids: 89.8

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		190	28	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Acenaphthylene	ND		190	24	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Anthracene	ND		190	46	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Benzo(a)anthracene	**84**	**J**	190	19	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Benzo(a)pyrene	**84**	**J**	190	28	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Benzo(b)fluoranthene	**110**	**J**	190	30	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Benzo(g,h,i)perylene	**71**	**J**	190	20	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Benzo(k)fluoranthene	**43**	**J**	190	24	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Chrysene	**90**	**J**	190	42	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Dibenz(a,h)anthracene	ND		190	33	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Dibenzofuran	ND		190	22	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Fluoranthene	**150**	**J**	190	20	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Fluorene	ND		190	22	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Hexachlorobenzene	ND		190	25	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Indeno(1,2,3-cd)pyrene	**54**	**J**	190	23	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
m-Cresol	ND		370	29	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Naphthalene	ND		190	24	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
1,4-Dioxane	ND		110	61	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
o-Cresol	ND		190	22	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
p-Cresol	ND		370	22	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Pentachlorophenol	ND		370	190	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Phenanthrene	**92**	**J**	190	28	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Phenol	ND		190	29	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1
Pyrene	**160**	**J**	190	22	ug/Kg	☼	12/09/24 07:01	12/10/24 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*84*		*26 - 143*	*12/09/24 07:01*	*12/10/24 21:11*	*1*
2-Fluorobiphenyl	*87*		*50 - 121*	*12/09/24 07:01*	*12/10/24 21:11*	*1*
2-Fluorophenol	*72*		*36 - 120*	*12/09/24 07:01*	*12/10/24 21:11*	*1*
Nitrobenzene-d5	*78*		*40 - 121*	*12/09/24 07:01*	*12/10/24 21:11*	*1*
Phenol-d5	*78*		*41 - 120*	*12/09/24 07:01*	*12/10/24 21:11*	*1*
p-Terphenyl-d14	*97*		*46 - 143*	*12/09/24 07:01*	*12/10/24 21:11*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.3**		2.3	1.0	mg/Kg	☼	12/07/24 14:32	12/10/24 12:31	1
Barium	**115**		0.59	0.16	mg/Kg	☼	12/07/24 14:32	12/10/24 12:31	1
Beryllium	**0.65**		0.23	0.047	mg/Kg	☼	12/07/24 14:32	12/10/24 12:31	1
Cadmium	**0.16**	**J**	0.23	0.082	mg/Kg	☼	12/07/24 14:32	12/10/24 12:31	1
Chromium	**16.1**		0.59	0.42	mg/Kg	☼	12/07/24 14:32	12/10/24 12:31	1
Copper	**25.5**		1.2	0.67	mg/Kg	☼	12/07/24 14:32	12/10/24 12:31	1
Lead	**27.7**		1.2	0.54	mg/Kg	☼	12/07/24 14:32	12/10/24 12:31	1
Manganese	**1020**		1.2	0.33	mg/Kg	☼	12/07/24 14:32	12/10/24 12:31	1
Nickel	**24.8**		5.9	0.29	mg/Kg	☼	12/07/24 14:32	12/10/24 12:31	1
Selenium	ND		4.7	0.94	mg/Kg	☼	12/07/24 14:32	12/10/24 12:31	1
Silver	ND		0.70	0.23	mg/Kg	☼	12/07/24 14:32	12/10/24 12:31	1
Zinc	**89.5**		2.3	1.2	mg/Kg	☼	12/07/24 14:32	12/10/24 12:31	1

Client Sample Results

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Client Sample ID: NS3 1FT
Lab Sample ID: 480-226018-29
Date Collected: 12/05/24 08:20
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 89.8

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.022	0.0050	mg/Kg	☼	12/07/24 07:45	12/07/24 10:23	1

Surrogate Summary

Client: Professional Drafting Services/PDS
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Job ID: 480-226018-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TBP (26-143)	FBP (50-121)	2FP (36-120)	NBZ (40-121)	PHL (41-120)	TPHd14 (46-143)		
480-226018-1	BH1 1-4FT	87	95	76	89	83	99		
480-226018-2	BH2 1-4FT	103	100	83	91	87	102		
480-226018-3	BH3 1-4FT	75	88	69	84	76	95		
480-226018-4	BH4 1-4FT	92	90	79	85	86	94		
480-226018-5	BH5 1-4FT	77	83	71	78	77	88		
480-226018-6	BH6 1-4FT	80	81	68	76	71	86		
480-226018-7	BH7 1-4FT	0 S1-	51	0 S1-	114	46	60		
480-226018-8	BH8 1-4FT	76	81	69	78	76	80		
480-226018-9	BH9 2-4FT	64	77	72	73	75	83		
480-226018-10	BH10 0-2FT	69	83	72	76	74	86		
480-226018-10 MS	BH10 0-2FT	95	90	80	87	83	91		
480-226018-10 MSD	BH10 0-2FT	101	96	81	89	87	91		
480-226018-11	BH11 1-2FT	69	81	72	70	68	78		
480-226018-11 MS	BH11 1-2FT	95	93	80	88	84	94		
480-226018-11 MSD	BH11 1-2FT	86	79	69	72	69	73		
480-226018-12	BH12 1-3FT	67	88	75	81	75	80		
480-226018-13	BH13 1-3FT	82	90	77	83	83	89		
480-226018-14	BH14 2-4FT	92	92	77	86	87	91		
480-226018-15	BH15 1-4FT	86	92	79	83	82	91		
480-226018-16	BH16 1-4FT	88	90	79	85	86	94		
480-226018-17	BH17 1-3FT	78	72	60	64	67	81		
480-226018-18	BH18 2-4FT	61	70	58	61	60	73		
480-226018-19	BH19 1-3FT	60	70	62	67	66	70		
480-226018-20	BH20 1-3FT	60	76	66	67	72	82		
480-226018-21	BH21 1-3FT	59	63	53	56	55	66		
480-226018-22	BH22 1-3FT	65	70	57	61	65	80		
480-226018-23	BH23 1-3FT	66	76	60	66	63	76		
480-226018-24	BH24 1-3FT	71	81	69	70	71	77		
480-226018-25	BH25 1-3FT	65	68	50	56	55	71		
480-226018-26	BH26 1-3FT	50	51	42	44	45	61		
480-226018-27	NS1 1FT	63	69	57	57	63	74		
480-226018-28	NS2 1FT	74	84	70	72	71	82		
480-226018-29	NS3 1FT	84	87	72	78	78	97		
LCS 480-734574/2-A	Lab Control Sample	105	96	82	89	87	108		
LCS 480-734671/2-A	Lab Control Sample	106	96	86	90	92	101		
MB 480-734574/1-A	Method Blank	92	94	82	85	88	106		
MB 480-734671/1-A	Method Blank	90	91	81	84	86	107		

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-734574/1-A
Matrix: Solid
Analysis Batch: 734691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734574

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170	25	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Acenaphthylene	ND		170	22	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Anthracene	ND		170	42	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Benzo(a)anthracene	ND		170	17	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Benzo(a)pyrene	ND		170	25	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Benzo(b)fluoranthene	ND		170	27	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Benzo(g,h,i)perylene	ND		170	18	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Benzo(k)fluoranthene	ND		170	22	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Chrysene	ND		170	38	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Dibenz(a,h)anthracene	ND		170	30	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Dibenzofuran	ND		170	20	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Fluoranthene	ND		170	18	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Fluorene	ND		170	20	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Hexachlorobenzene	ND		170	23	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Indeno(1,2,3-cd)pyrene	ND		170	21	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
m-Cresol	ND		330	26	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Naphthalene	ND		170	22	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
1,4-Dioxane	ND		100	55	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
o-Cresol	ND		170	20	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
p-Cresol	ND		330	20	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Pentachlorophenol	ND		330	170	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Phenanthrene	ND		170	25	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Phenol	ND		170	26	ug/Kg		12/06/24 13:56	12/09/24 12:17	1
Pyrene	ND		170	20	ug/Kg		12/06/24 13:56	12/09/24 12:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*92*		*26 - 143*	*12/06/24 13:56*	*12/09/24 12:17*	*1*
2-Fluorobiphenyl	*94*		*50 - 121*	*12/06/24 13:56*	*12/09/24 12:17*	*1*
2-Fluorophenol	*82*		*36 - 120*	*12/06/24 13:56*	*12/09/24 12:17*	*1*
Nitrobenzene-d5	*85*		*40 - 121*	*12/06/24 13:56*	*12/09/24 12:17*	*1*
Phenol-d5	*88*		*41 - 120*	*12/06/24 13:56*	*12/09/24 12:17*	*1*
p-Terphenyl-d14	*106*		*46 - 143*	*12/06/24 13:56*	*12/09/24 12:17*	*1*

Lab Sample ID: LCS 480-734574/2-A
Matrix: Solid
Analysis Batch: 734691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734574

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1330	1300		ug/Kg		98	62 - 120
Acenaphthylene	1330	1360		ug/Kg		102	58 - 121
Anthracene	1330	1340		ug/Kg		100	62 - 120
Benzo(a)anthracene	1330	1350		ug/Kg		101	65 - 120
Benzo(a)pyrene	1330	1360		ug/Kg		102	64 - 120
Benzo(b)fluoranthene	1330	1450		ug/Kg		109	64 - 120
Benzo(g,h,i)perylene	1330	1260		ug/Kg		94	45 - 145
Benzo(k)fluoranthene	1330	1340		ug/Kg		100	65 - 120
Chrysene	1330	1290		ug/Kg		97	64 - 120
Dibenz(a,h)anthracene	1330	1300		ug/Kg		97	54 - 132

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-734574/2-A
Matrix: Solid
Analysis Batch: 734691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734574

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenzofuran	1330	1270		ug/Kg		95	63 - 120
Fluoranthene	1330	1270		ug/Kg		95	62 - 120
Fluorene	1330	1310		ug/Kg		98	63 - 120
Hexachlorobenzene	1330	1360		ug/Kg		102	60 - 120
Indeno(1,2,3-cd)pyrene	1330	1280		ug/Kg		96	56 - 134
Naphthalene	1330	1210		ug/Kg		90	55 - 120
1,4-Dioxane	1330	753		ug/Kg		56	23 - 120
o-Cresol	1330	1150		ug/Kg		87	54 - 120
p-Cresol	1330	1210		ug/Kg		90	55 - 120
Pentachlorophenol	2670	2610		ug/Kg		98	10 - 120
Phenanthrene	1330	1340		ug/Kg		101	60 - 120
Phenol	1330	1160		ug/Kg		87	53 - 120
Pyrene	1330	1490		ug/Kg		111	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*105*		*26 - 143*
2-Fluorobiphenyl	*96*		*50 - 121*
2-Fluorophenol	*82*		*36 - 120*
Nitrobenzene-d5	*89*		*40 - 121*
Phenol-d5	*87*		*41 - 120*
p-Terphenyl-d14	*108*		*46 - 143*

Lab Sample ID: 480-226018-10 MS
Matrix: Solid
Analysis Batch: 734691

Client Sample ID: BH10 0-2FT
Prep Type: Total/NA
Prep Batch: 734574

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		1640	1660		ug/Kg	☼	101	60 - 120
Acenaphthylene	ND		1640	1860		ug/Kg	☼	113	58 - 121
Anthracene	ND	F2 F1	1640	2270	F1	ug/Kg	☼	139	62 - 120
Benzo(a)anthracene	460	J F2 F1	1640	3580	F1	ug/Kg	☼	191	65 - 120
Benzo(a)pyrene	460	J F2 F1	1640	3250	F1	ug/Kg	☼	170	64 - 120
Benzo(b)fluoranthene	610	J F2 F1	1640	3560	F1	ug/Kg	☼	180	10 - 150
Benzo(g,h,i)perylene	300	J F2	1640	2370		ug/Kg	☼	126	45 - 145
Benzo(k)fluoranthene	250	J	1640	2510		ug/Kg	☼	138	23 - 150
Chrysene	480	J F2 F1	1640	3570	F1	ug/Kg	☼	189	64 - 120
Dibenz(a,h)anthracene	ND		1640	1700		ug/Kg	☼	104	54 - 132
Dibenzofuran	ND		1640	1680		ug/Kg	☼	102	62 - 120
Fluoranthene	840	J F2 F1	1640	5820	F1	ug/Kg	☼	304	62 - 120
Fluorene	ND		1640	1690		ug/Kg	☼	103	63 - 120
Hexachlorobenzene	ND		1640	1540		ug/Kg	☼	94	60 - 120
Indeno(1,2,3-cd)pyrene	260	J F2	1640	2280		ug/Kg	☼	123	56 - 134
Naphthalene	ND		1640	1460		ug/Kg	☼	89	46 - 120
1,4-Dioxane	ND		1640	816		ug/Kg	☼	50	13 - 120
o-Cresol	ND		1640	1340		ug/Kg	☼	82	48 - 120
p-Cresol	ND		1640	1360	J	ug/Kg	☼	83	50 - 120
Pentachlorophenol	ND		3280	2720		ug/Kg	☼	83	10 - 136
Phenanthrene	390	J F2 F1	1640	4130	F1	ug/Kg	☼	228	60 - 122

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-226018-10 MS
Matrix: Solid
Analysis Batch: 734691

Client Sample ID: BH10 0-2FT
Prep Type: Total/NA
Prep Batch: 734574

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenol	ND		1640	1300		ug/Kg	☼	80	50 - 120
Pyrene	730	J F2 F1	1640	5010	F1	ug/Kg	☼	261	61 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*95*		*26 - 143*
2-Fluorobiphenyl	*90*		*50 - 121*
2-Fluorophenol	*80*		*36 - 120*
Nitrobenzene-d5	*87*		*40 - 121*
Phenol-d5	*83*		*41 - 120*
p-Terphenyl-d14	*91*		*46 - 143*

Lab Sample ID: 480-226018-10 MSD
Matrix: Solid
Analysis Batch: 734691

Client Sample ID: BH10 0-2FT
Prep Type: Total/NA
Prep Batch: 734574

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		1640	1610		ug/Kg	☼	98	60 - 120	3	35
Acenaphthylene	ND		1640	1710		ug/Kg	☼	104	58 - 121	8	18
Anthracene	ND	F2 F1	1640	1690	F2	ug/Kg	☼	103	62 - 120	30	15
Benzo(a)anthracene	460	J F2 F1	1640	2100	F2	ug/Kg	☼	100	65 - 120	52	15
Benzo(a)pyrene	460	J F2 F1	1640	2140	F2	ug/Kg	☼	103	64 - 120	41	15
Benzo(b)fluoranthene	610	J F2 F1	1640	2030	F2	ug/Kg	☼	86	10 - 150	55	15
Benzo(g,h,i)perylene	300	J F2	1640	1980	F2	ug/Kg	☼	102	45 - 145	18	15
Benzo(k)fluoranthene	250	J	1640	2130		ug/Kg	☼	114	23 - 150	16	22
Chrysene	480	J F2 F1	1640	2210	F2	ug/Kg	☼	105	64 - 120	47	15
Dibenz(a,h)anthracene	ND		1640	1700		ug/Kg	☼	103	54 - 132	0	15
Dibenzofuran	ND		1640	1600		ug/Kg	☼	97	62 - 120	5	15
Fluoranthene	840	J F2 F1	1640	2560	F2	ug/Kg	☼	104	62 - 120	78	15
Fluorene	ND		1640	1610		ug/Kg	☼	98	63 - 120	5	15
Hexachlorobenzene	ND		1640	1600		ug/Kg	☼	98	60 - 120	4	15
Indeno(1,2,3-cd)pyrene	260	J F2	1640	1930	F2	ug/Kg	☼	102	56 - 134	17	15
Naphthalene	ND		1640	1490		ug/Kg	☼	91	46 - 120	2	29
1,4-Dioxane	ND		1640	855		ug/Kg	☼	52	13 - 120	5	50
o-Cresol	ND		1640	1420		ug/Kg	☼	86	48 - 120	6	27
p-Cresol	ND		1640	1450	J	ug/Kg	☼	88	50 - 120	6	24
Pentachlorophenol	ND		3290	2570		ug/Kg	☼	78	10 - 136	5	35
Phenanthrene	390	J F2 F1	1640	2040	F2	ug/Kg	☼	100	60 - 122	68	15
Phenol	ND		1640	1370		ug/Kg	☼	83	50 - 120	5	35
Pyrene	730	J F2 F1	1640	2450	F2	ug/Kg	☼	104	61 - 133	69	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*101*		*26 - 143*
2-Fluorobiphenyl	*96*		*50 - 121*
2-Fluorophenol	*81*		*36 - 120*
Nitrobenzene-d5	*89*		*40 - 121*
Phenol-d5	*87*		*41 - 120*
p-Terphenyl-d14	*91*		*46 - 143*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-734671/1-A
Matrix: Solid
Analysis Batch: 734834

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170	25	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Acenaphthylene	ND		170	22	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Anthracene	ND		170	42	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Benzo(a)anthracene	ND		170	17	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Benzo(a)pyrene	ND		170	25	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Benzo(b)fluoranthene	ND		170	27	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Benzo(g,h,i)perylene	ND		170	18	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Benzo(k)fluoranthene	ND		170	22	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Chrysene	ND		170	38	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Dibenz(a,h)anthracene	ND		170	30	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Dibenzofuran	ND		170	20	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Fluoranthene	ND		170	18	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Fluorene	ND		170	20	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Hexachlorobenzene	ND		170	23	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Indeno(1,2,3-cd)pyrene	ND		170	21	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
m-Cresol	ND		330	26	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Naphthalene	ND		170	22	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
1,4-Dioxane	ND		100	55	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
o-Cresol	ND		170	20	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
p-Cresol	ND		330	20	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Pentachlorophenol	ND		330	170	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Phenanthrene	ND		170	25	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Phenol	ND		170	26	ug/Kg		12/09/24 07:01	12/10/24 12:07	1
Pyrene	ND		170	20	ug/Kg		12/09/24 07:01	12/10/24 12:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*90*		*26 - 143*	*12/09/24 07:01*	*12/10/24 12:07*	*1*
2-Fluorobiphenyl	*91*		*50 - 121*	*12/09/24 07:01*	*12/10/24 12:07*	*1*
2-Fluorophenol	*81*		*36 - 120*	*12/09/24 07:01*	*12/10/24 12:07*	*1*
Nitrobenzene-d5	*84*		*40 - 121*	*12/09/24 07:01*	*12/10/24 12:07*	*1*
Phenol-d5	*86*		*41 - 120*	*12/09/24 07:01*	*12/10/24 12:07*	*1*
p-Terphenyl-d14	*107*		*46 - 143*	*12/09/24 07:01*	*12/10/24 12:07*	*1*

Lab Sample ID: LCS 480-734671/2-A
Matrix: Solid
Analysis Batch: 734834

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1330	1330		ug/Kg		100	62 - 120
Acenaphthylene	1330	1390		ug/Kg		104	58 - 121
Anthracene	1330	1410		ug/Kg		106	62 - 120
Benzo(a)anthracene	1330	1380		ug/Kg		103	65 - 120
Benzo(a)pyrene	1330	1450		ug/Kg		109	64 - 120
Benzo(b)fluoranthene	1330	1370		ug/Kg		103	64 - 120
Benzo(g,h,i)perylene	1330	1390		ug/Kg		104	45 - 145
Benzo(k)fluoranthene	1330	1550		ug/Kg		116	65 - 120
Chrysene	1330	1340		ug/Kg		101	64 - 120
Dibenz(a,h)anthracene	1330	1390		ug/Kg		104	54 - 132

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-734671/2-A
Matrix: Solid
Analysis Batch: 734834

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenzofuran	1330	1310		ug/Kg		99	63 - 120
Fluoranthene	1330	1400		ug/Kg		105	62 - 120
Fluorene	1330	1360		ug/Kg		102	63 - 120
Hexachlorobenzene	1330	1400		ug/Kg		105	60 - 120
Indeno(1,2,3-cd)pyrene	1330	1390		ug/Kg		104	56 - 134
Naphthalene	1330	1220		ug/Kg		92	55 - 120
1,4-Dioxane	1330	782		ug/Kg		59	23 - 120
o-Cresol	1330	1240		ug/Kg		93	54 - 120
p-Cresol	1330	1300		ug/Kg		97	55 - 120
Pentachlorophenol	2670	2680		ug/Kg		101	10 - 120
Phenanthrene	1330	1370		ug/Kg		103	60 - 120
Phenol	1330	1230		ug/Kg		93	53 - 120
Pyrene	1330	1430		ug/Kg		107	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*106*		*26 - 143*
2-Fluorobiphenyl	*96*		*50 - 121*
2-Fluorophenol	*86*		*36 - 120*
Nitrobenzene-d5	*90*		*40 - 121*
Phenol-d5	*92*		*41 - 120*
p-Terphenyl-d14	*101*		*46 - 143*

Lab Sample ID: 480-226018-11 MS
Matrix: Solid
Analysis Batch: 734834

Client Sample ID: BH11 1-2FT
Prep Type: Total/NA
Prep Batch: 734671

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		1380	1340	J	ug/Kg	☼	97	60 - 120
Acenaphthylene	ND		1380	1400	J	ug/Kg	☼	101	58 - 121
Anthracene	ND		1380	1410	J	ug/Kg	☼	102	62 - 120
Benzo(a)anthracene	500	J	1380	1750	J	ug/Kg	☼	90	65 - 120
Benzo(a)pyrene	550	J	1380	1800	J	ug/Kg	☼	90	64 - 120
Benzo(b)fluoranthene	660	J	1380	1810	J	ug/Kg	☼	83	10 - 150
Benzo(g,h,i)perylene	400	J	1380	1690	J	ug/Kg	☼	93	45 - 145
Benzo(k)fluoranthene	ND		1380	1770	J	ug/Kg	☼	128	23 - 150
Chrysene	ND	F1	1380	1850	J F1	ug/Kg	☼	134	64 - 120
Dibenz(a,h)anthracene	ND		1380	1430	J	ug/Kg	☼	103	54 - 132
Dibenzofuran	ND	F2	1380	1370	J	ug/Kg	☼	99	62 - 120
Fluoranthene	770	J F2	1380	1910	J	ug/Kg	☼	83	62 - 120
Fluorene	ND		1380	1330	J	ug/Kg	☼	96	63 - 120
Hexachlorobenzene	ND	F2	1380	1370	J	ug/Kg	☼	99	60 - 120
Indeno(1,2,3-cd)pyrene	ND		1380	1610	J	ug/Kg	☼	116	56 - 134
Naphthalene	ND		1380	1280	J	ug/Kg	☼	93	46 - 120
1,4-Dioxane	ND	F1	1380	ND	F1	ug/Kg	☼	0	13 - 120
o-Cresol	ND		1380	1220	J	ug/Kg	☼	88	48 - 120
p-Cresol	ND		1380	1190	J	ug/Kg	☼	86	50 - 120
Pentachlorophenol	ND		2770	ND		ug/Kg	☼	NC	10 - 136
Phenanthrene	ND	F1	1380	1620	J	ug/Kg	☼	117	60 - 122

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-226018-11 MS
Matrix: Solid
Analysis Batch: 734834

Client Sample ID: BH11 1-2FT
Prep Type: Total/NA
Prep Batch: 734671

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenol	ND		1380	1140	J	ug/Kg	☼	82	50 - 120
Pyrene	640	J	1380	1940	J	ug/Kg	☼	94	61 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*95*		*26 - 143*
2-Fluorobiphenyl	*93*		*50 - 121*
2-Fluorophenol	*80*		*36 - 120*
Nitrobenzene-d5	*88*		*40 - 121*
Phenol-d5	*84*		*41 - 120*
p-Terphenyl-d14	*94*		*46 - 143*

Lab Sample ID: 480-226018-11 MSD
Matrix: Solid
Analysis Batch: 734834

Client Sample ID: BH11 1-2FT
Prep Type: Total/NA
Prep Batch: 734671

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		1390	1230	J	ug/Kg	☼	89	60 - 120	8	35
Acenaphthylene	ND		1390	1200	J	ug/Kg	☼	87	58 - 121	15	18
Anthracene	ND		1390	1250	J	ug/Kg	☼	90	62 - 120	12	15
Benzo(a)anthracene	500	J	1390	1690	J	ug/Kg	☼	86	65 - 120	3	15
Benzo(a)pyrene	550	J	1390	1710	J	ug/Kg	☼	83	64 - 120	5	15
Benzo(b)fluoranthene	660	J	1390	1690	J	ug/Kg	☼	74	10 - 150	7	15
Benzo(g,h,i)perylene	400	J	1390	1550	J	ug/Kg	☼	83	45 - 145	9	15
Benzo(k)fluoranthene	ND		1390	1650	J	ug/Kg	☼	119	23 - 150	7	22
Chrysene	ND	F1	1390	1750	J F1	ug/Kg	☼	126	64 - 120	6	15
Dibenz(a,h)anthracene	ND		1390	1270	J	ug/Kg	☼	91	54 - 132	11	15
Dibenzofuran	ND	F2	1390	1130	J F2	ug/Kg	☼	81	62 - 120	19	15
Fluoranthene	770	J F2	1390	2250	J F2	ug/Kg	☼	106	62 - 120	16	15
Fluorene	ND		1390	1210	J	ug/Kg	☼	87	63 - 120	10	15
Hexachlorobenzene	ND	F2	1390	1150	J F2	ug/Kg	☼	83	60 - 120	18	15
Indeno(1,2,3-cd)pyrene	ND		1390	1410	J	ug/Kg	☼	102	56 - 134	13	15
Naphthalene	ND		1390	1100	J	ug/Kg	☼	79	46 - 120	15	29
1,4-Dioxane	ND	F1	1390	ND	F1	ug/Kg	☼	0	13 - 120	NC	50
o-Cresol	ND		1390	1030	J	ug/Kg	☼	74	48 - 120	17	27
p-Cresol	ND		1390	1090	J	ug/Kg	☼	78	50 - 120	9	24
Pentachlorophenol	ND		2780	ND		ug/Kg	☼	NC	10 - 136	NC	35
Phenanthrene	ND	F1	1390	1840	J F1	ug/Kg	☼	133	60 - 122	13	15
Phenol	ND		1390	978	J	ug/Kg	☼	70	50 - 120	15	35
Pyrene	640	J	1390	2000	J	ug/Kg	☼	98	61 - 133	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*86*		*26 - 143*
2-Fluorobiphenyl	*79*		*50 - 121*
2-Fluorophenol	*69*		*36 - 120*
Nitrobenzene-d5	*72*		*40 - 121*
Phenol-d5	*69*		*41 - 120*
p-Terphenyl-d14	*73*		*46 - 143*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-734605/1-A
Matrix: Solid
Analysis Batch: 734866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734605

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.1	0.93	mg/Kg		12/07/24 14:32	12/10/24 10:54	1
Barium	ND		0.53	0.15	mg/Kg		12/07/24 14:32	12/10/24 10:54	1
Beryllium	ND		0.21	0.042	mg/Kg		12/07/24 14:32	12/10/24 10:54	1
Cadmium	ND		0.21	0.074	mg/Kg		12/07/24 14:32	12/10/24 10:54	1
Chromium	ND		0.53	0.38	mg/Kg		12/07/24 14:32	12/10/24 10:54	1
Copper	ND		1.1	0.60	mg/Kg		12/07/24 14:32	12/10/24 10:54	1
Lead	ND	^5+	1.1	0.48	mg/Kg		12/07/24 14:32	12/10/24 10:54	1
Manganese	ND		1.1	0.29	mg/Kg		12/07/24 14:32	12/10/24 10:54	1
Nickel	ND		5.3	0.26	mg/Kg		12/07/24 14:32	12/10/24 10:54	1
Selenium	ND		4.2	0.84	mg/Kg		12/07/24 14:32	12/10/24 10:54	1
Silver	ND	^5-	0.63	0.21	mg/Kg		12/07/24 14:32	12/10/24 10:54	1
Zinc	ND		2.1	1.1	mg/Kg		12/07/24 14:32	12/10/24 10:54	1

Lab Sample ID: LCSSRM 480-734605/2-A
Matrix: Solid
Analysis Batch: 734866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734605

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	283	217.9		mg/Kg		77.0	60.1 - 111.3
Barium	326	310.7		mg/Kg		95.3	67.8 - 113.2
Beryllium	175	158.3		mg/Kg		90.5	68.6 - 114.3
Cadmium	95.8	84.43		mg/Kg		88.1	66.0 - 109.6
Chromium	239	215.8		mg/Kg		90.3	62.3 - 115.9
Copper	217	188.8		mg/Kg		87.0	67.3 - 112.4
Lead	210	203.4		mg/Kg		96.9	67.6 - 117.1
Nickel	329	297.4		mg/Kg		90.4	63.5 - 117.6
Selenium	281	242.1		mg/Kg		86.2	67.3 - 126.3
Silver	82.7	74.41		mg/Kg		90.0	65.8 - 119.8
Zinc	260	248.2		mg/Kg		95.5	63.5 - 118.1

Lab Sample ID: LCSSRM 480-734605/2-A
Matrix: Solid
Analysis Batch: 734967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734605

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	290	332.2		mg/Kg		114.5	66.9 - 114.8

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-226018-11 MS
Matrix: Solid
Analysis Batch: 734866

Client Sample ID: BH11 1-2FT
Prep Type: Total/NA
Prep Batch: 734605

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	13.3	F1	223	168.2	F1	mg/Kg	☼	69	75 - 125
Barium	167		222	384.8		mg/Kg	☼	98	75 - 125
Beryllium	1.0		110	88.23		mg/Kg	☼	79	75 - 125
Cadmium	0.18	J	111	86.38		mg/Kg	☼	78	75 - 125
Chromium	10.6		111	103.4		mg/Kg	☼	84	75 - 125
Copper	22.5		111	120.2		mg/Kg	☼	88	75 - 125
Lead	163	^+	111	266.3	^+	mg/Kg	☼	93	75 - 125
Manganese	520		111	509.6	4	mg/Kg	☼	-10	75 - 125
Nickel	10.6		111	99.05		mg/Kg	☼	80	75 - 125
Selenium	ND	F1	222	154.4	F1	mg/Kg	☼	70	75 - 125
Silver	ND		11.1	9.03		mg/Kg	☼	81	75 - 125
Zinc	104		111	230.7		mg/Kg	☼	114	75 - 125

Lab Sample ID: 480-226018-11 MSD
Matrix: Solid
Analysis Batch: 734866

Client Sample ID: BH11 1-2FT
Prep Type: Total/NA
Prep Batch: 734605

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	13.3	F1	220	168.4	F1	mg/Kg	☼	70	75 - 125	0	20
Barium	167		219	377.2		mg/Kg	☼	96	75 - 125	2	20
Beryllium	1.0		109	86.66		mg/Kg	☼	79	75 - 125	2	20
Cadmium	0.18	J	110	85.65		mg/Kg	☼	78	75 - 125	1	20
Chromium	10.6		109	101.5		mg/Kg	☼	83	75 - 125	2	20
Copper	22.5		110	121.9		mg/Kg	☼	91	75 - 125	1	20
Lead	163	^+	110	266.2	^+	mg/Kg	☼	94	75 - 125	0	20
Manganese	520		109	543.3	4	mg/Kg	☼	21	75 - 125	6	20
Nickel	10.6		110	97.91		mg/Kg	☼	80	75 - 125	1	20
Selenium	ND	F1	219	153.4	F1	mg/Kg	☼	70	75 - 125	1	20
Zinc	104		110	230.2		mg/Kg	☼	115	75 - 125	0	20

Lab Sample ID: MB 480-734621/1-A
Matrix: Solid
Analysis Batch: 734868

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734621

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.1	0.92	mg/Kg		12/07/24 14:32	12/10/24 11:59	1
Barium	ND		0.52	0.15	mg/Kg		12/07/24 14:32	12/10/24 11:59	1
Beryllium	ND		0.21	0.042	mg/Kg		12/07/24 14:32	12/10/24 11:59	1
Cadmium	ND		0.21	0.073	mg/Kg		12/07/24 14:32	12/10/24 11:59	1
Chromium	ND		0.52	0.38	mg/Kg		12/07/24 14:32	12/10/24 11:59	1
Copper	ND		1.0	0.60	mg/Kg		12/07/24 14:32	12/10/24 11:59	1
Lead	ND		1.0	0.48	mg/Kg		12/07/24 14:32	12/10/24 11:59	1
Manganese	ND		1.0	0.29	mg/Kg		12/07/24 14:32	12/10/24 11:59	1
Nickel	ND		5.2	0.26	mg/Kg		12/07/24 14:32	12/10/24 11:59	1
Selenium	ND		4.2	0.84	mg/Kg		12/07/24 14:32	12/10/24 11:59	1
Silver	ND		0.63	0.21	mg/Kg		12/07/24 14:32	12/10/24 11:59	1
Zinc	ND		2.1	1.1	mg/Kg		12/07/24 14:32	12/10/24 11:59	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-734621/2-A
Matrix: Solid
Analysis Batch: 734868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734621

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	283	227.4		mg/Kg		80.4	60.1 - 111.3
Barium	326	293.7		mg/Kg		90.1	67.8 - 113.2
Beryllium	175	155.7		mg/Kg		89.0	68.6 - 114.3
Cadmium	95.8	77.94		mg/Kg		81.4	66.0 - 109.6
Chromium	239	209.7		mg/Kg		87.7	62.3 - 115.9
Copper	217	182.0		mg/Kg		83.9	67.3 - 112.4
Lead	210	205.3		mg/Kg		97.8	67.6 - 117.1
Manganese	290	274.2		mg/Kg		94.6	66.9 - 114.8
Nickel	329	322.5		mg/Kg		98.0	63.5 - 117.6
Selenium	281	237.7		mg/Kg		84.6	67.3 - 126.3
Silver	82.7	70.30		mg/Kg		85.0	65.8 - 119.8
Zinc	260	227.9		mg/Kg		87.6	63.5 - 118.1

Lab Sample ID: 480-226018-22 MS
Matrix: Solid
Analysis Batch: 734868

Client Sample ID: BH22 1-3FT
Prep Type: Total/NA
Prep Batch: 734621

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	8.9		241	224.1		mg/Kg	☼	89	75 - 125
Barium	88.1		240	334.5		mg/Kg	☼	103	75 - 125
Beryllium	0.69		119	112.8		mg/Kg	☼	94	75 - 125
Cadmium	0.44		120	107.7		mg/Kg	☼	89	75 - 125
Chromium	16.8		120	127.5		mg/Kg	☼	93	75 - 125
Copper	60.3		120	173.5		mg/Kg	☼	95	75 - 125
Lead	97.3		120	210.2		mg/Kg	☼	94	75 - 125
Manganese	501		119	639.6	4	mg/Kg	☼	116	75 - 125
Nickel	22.5		120	149.8		mg/Kg	☼	106	75 - 125
Selenium	ND		240	197.1		mg/Kg	☼	82	75 - 125
Silver	ND		12.0	11.27		mg/Kg	☼	94	75 - 125
Zinc	126	F1	120	230.9		mg/Kg	☼	88	75 - 125

Lab Sample ID: 480-226018-22 MSD
Matrix: Solid
Analysis Batch: 734868

Client Sample ID: BH22 1-3FT
Prep Type: Total/NA
Prep Batch: 734621

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	8.9		229	211.9		mg/Kg	☼	89	75 - 125	6	20
Barium	88.1		228	303.9		mg/Kg	☼	95	75 - 125	10	20
Beryllium	0.69		113	103.4		mg/Kg	☼	91	75 - 125	9	20
Cadmium	0.44		114	99.34		mg/Kg	☼	87	75 - 125	8	20

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-226018-22 MSD — **Client Sample ID: BH22 1-3FT**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 734868 — **Prep Batch: 734621**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	16.8		114	117.6		mg/Kg	☼	89	75 - 125	8	20
Copper	60.3		114	152.1		mg/Kg	☼	81	75 - 125	13	20
Lead	97.3		114	192.7		mg/Kg	☼	84	75 - 125	9	20
Manganese	501		113	599.0	4	mg/Kg	☼	86	75 - 125	7	20
Nickel	22.5		114	137.7		mg/Kg	☼	101	75 - 125	8	20
Selenium	ND		228	181.3		mg/Kg	☼	80	75 - 125	8	20
Silver	ND		11.4	10.32		mg/Kg	☼	91	75 - 125	9	20
Zinc	126	F1	114	196.7	F1	mg/Kg	☼	62	75 - 125	16	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-734613/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 734622 — **Prep Batch: 734613**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0044	mg/Kg		12/07/24 07:45	12/07/24 09:29	1

Lab Sample ID: LCSSRM 480-734613/2-A ^10 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 734622 — **Prep Batch: 734613**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	24.9	20.60		mg/Kg		82.7	55.0 - 128.1

Lab Sample ID: 480-226018-1 MS — **Client Sample ID: BH1 1-4FT**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 734622 — **Prep Batch: 734613**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.32	F1 F2	0.390	0.835	F1	mg/Kg	☼	133	80 - 120

Lab Sample ID: 480-226018-1 MSD — **Client Sample ID: BH1 1-4FT**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 734622 — **Prep Batch: 734613**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.32	F1 F2	0.381	0.604	F1 F2	mg/Kg	☼	75	80 - 120	32	20

Lab Sample ID: MB 480-734614/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 734622 — **Prep Batch: 734614**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021	0.0047	mg/Kg		12/07/24 07:45	12/07/24 10:08	1

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCSSRM 480-734614/2-A ^10
Matrix: Solid
Analysis Batch: 734622

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734614

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	24.9	20.63		mg/Kg		82.9	55.0 - 128.1

GC/MS Semi VOA

Prep Batch: 734574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-1	BH1 1-4FT	Total/NA	Solid	3550C	
480-226018-2	BH2 1-4FT	Total/NA	Solid	3550C	
480-226018-3	BH3 1-4FT	Total/NA	Solid	3550C	
480-226018-4	BH4 1-4FT	Total/NA	Solid	3550C	
480-226018-5	BH5 1-4FT	Total/NA	Solid	3550C	
480-226018-6	BH6 1-4FT	Total/NA	Solid	3550C	
480-226018-7	BH7 1-4FT	Total/NA	Solid	3550C	
480-226018-8	BH8 1-4FT	Total/NA	Solid	3550C	
480-226018-9	BH9 2-4FT	Total/NA	Solid	3550C	
480-226018-10	BH10 0-2FT	Total/NA	Solid	3550C	
MB 480-734574/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-734574/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-226018-10 MS	BH10 0-2FT	Total/NA	Solid	3550C	
480-226018-10 MSD	BH10 0-2FT	Total/NA	Solid	3550C	

Prep Batch: 734671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-11	BH11 1-2FT	Total/NA	Solid	3550C	
480-226018-12	BH12 1-3FT	Total/NA	Solid	3550C	
480-226018-13	BH13 1-3FT	Total/NA	Solid	3550C	
480-226018-14	BH14 2-4FT	Total/NA	Solid	3550C	
480-226018-15	BH15 1-4FT	Total/NA	Solid	3550C	
480-226018-16	BH16 1-4FT	Total/NA	Solid	3550C	
480-226018-17	BH17 1-3FT	Total/NA	Solid	3550C	
480-226018-18	BH18 2-4FT	Total/NA	Solid	3550C	
480-226018-19	BH19 1-3FT	Total/NA	Solid	3550C	
480-226018-20	BH20 1-3FT	Total/NA	Solid	3550C	
480-226018-21	BH21 1-3FT	Total/NA	Solid	3550C	
480-226018-22	BH22 1-3FT	Total/NA	Solid	3550C	
480-226018-23	BH23 1-3FT	Total/NA	Solid	3550C	
480-226018-24	BH24 1-3FT	Total/NA	Solid	3550C	
480-226018-25	BH25 1-3FT	Total/NA	Solid	3550C	
480-226018-26	BH26 1-3FT	Total/NA	Solid	3550C	
480-226018-27	NS1 1FT	Total/NA	Solid	3550C	
480-226018-28	NS2 1FT	Total/NA	Solid	3550C	
480-226018-29	NS3 1FT	Total/NA	Solid	3550C	
MB 480-734671/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-734671/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-226018-11 MS	BH11 1-2FT	Total/NA	Solid	3550C	
480-226018-11 MSD	BH11 1-2FT	Total/NA	Solid	3550C	

Analysis Batch: 734691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-1	BH1 1-4FT	Total/NA	Solid	8270D	734574
480-226018-2	BH2 1-4FT	Total/NA	Solid	8270D	734574
480-226018-3	BH3 1-4FT	Total/NA	Solid	8270D	734574
480-226018-4	BH4 1-4FT	Total/NA	Solid	8270D	734574
480-226018-5	BH5 1-4FT	Total/NA	Solid	8270D	734574
480-226018-6	BH6 1-4FT	Total/NA	Solid	8270D	734574
480-226018-8	BH8 1-4FT	Total/NA	Solid	8270D	734574
480-226018-9	BH9 2-4FT	Total/NA	Solid	8270D	734574

GC/MS Semi VOA (Continued)

Analysis Batch: 734691 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-10	BH10 0-2FT	Total/NA	Solid	8270D	734574
MB 480-734574/1-A	Method Blank	Total/NA	Solid	8270D	734574
LCS 480-734574/2-A	Lab Control Sample	Total/NA	Solid	8270D	734574
480-226018-10 MS	BH10 0-2FT	Total/NA	Solid	8270D	734574
480-226018-10 MSD	BH10 0-2FT	Total/NA	Solid	8270D	734574

Analysis Batch: 734810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-7	BH7 1-4FT	Total/NA	Solid	8270D	734574

Analysis Batch: 734834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-11	BH11 1-2FT	Total/NA	Solid	8270D	734671
480-226018-12	BH12 1-3FT	Total/NA	Solid	8270D	734671
480-226018-13	BH13 1-3FT	Total/NA	Solid	8270D	734671
480-226018-14	BH14 2-4FT	Total/NA	Solid	8270D	734671
480-226018-15	BH15 1-4FT	Total/NA	Solid	8270D	734671
480-226018-16	BH16 1-4FT	Total/NA	Solid	8270D	734671
480-226018-17	BH17 1-3FT	Total/NA	Solid	8270D	734671
480-226018-18	BH18 2-4FT	Total/NA	Solid	8270D	734671
480-226018-19	BH19 1-3FT	Total/NA	Solid	8270D	734671
480-226018-20	BH20 1-3FT	Total/NA	Solid	8270D	734671
480-226018-21	BH21 1-3FT	Total/NA	Solid	8270D	734671
480-226018-22	BH22 1-3FT	Total/NA	Solid	8270D	734671
480-226018-23	BH23 1-3FT	Total/NA	Solid	8270D	734671
480-226018-24	BH24 1-3FT	Total/NA	Solid	8270D	734671
480-226018-25	BH25 1-3FT	Total/NA	Solid	8270D	734671
480-226018-26	BH26 1-3FT	Total/NA	Solid	8270D	734671
480-226018-27	NS1 1FT	Total/NA	Solid	8270D	734671
480-226018-28	NS2 1FT	Total/NA	Solid	8270D	734671
480-226018-29	NS3 1FT	Total/NA	Solid	8270D	734671
MB 480-734671/1-A	Method Blank	Total/NA	Solid	8270D	734671
LCS 480-734671/2-A	Lab Control Sample	Total/NA	Solid	8270D	734671
480-226018-11 MS	BH11 1-2FT	Total/NA	Solid	8270D	734671
480-226018-11 MSD	BH11 1-2FT	Total/NA	Solid	8270D	734671

Metals

Prep Batch: 734605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-1	BH1 1-4FT	Total/NA	Solid	3050B	
480-226018-2	BH2 1-4FT	Total/NA	Solid	3050B	
480-226018-3	BH3 1-4FT	Total/NA	Solid	3050B	
480-226018-4	BH4 1-4FT	Total/NA	Solid	3050B	
480-226018-5	BH5 1-4FT	Total/NA	Solid	3050B	
480-226018-6	BH6 1-4FT	Total/NA	Solid	3050B	
480-226018-7	BH7 1-4FT	Total/NA	Solid	3050B	
480-226018-8	BH8 1-4FT	Total/NA	Solid	3050B	
480-226018-9	BH9 2-4FT	Total/NA	Solid	3050B	
480-226018-10	BH10 0-2FT	Total/NA	Solid	3050B	
480-226018-11	BH11 1-2FT	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 734605 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-12	BH12 1-3FT	Total/NA	Solid	3050B	
480-226018-13	BH13 1-3FT	Total/NA	Solid	3050B	
480-226018-14	BH14 2-4FT	Total/NA	Solid	3050B	
480-226018-15	BH15 1-4FT	Total/NA	Solid	3050B	
480-226018-16	BH16 1-4FT	Total/NA	Solid	3050B	
480-226018-17	BH17 1-3FT	Total/NA	Solid	3050B	
480-226018-18	BH18 2-4FT	Total/NA	Solid	3050B	
480-226018-19	BH19 1-3FT	Total/NA	Solid	3050B	
480-226018-20	BH20 1-3FT	Total/NA	Solid	3050B	
MB 480-734605/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-734605/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-226018-11 MS	BH11 1-2FT	Total/NA	Solid	3050B	
480-226018-11 MSD	BH11 1-2FT	Total/NA	Solid	3050B	

Prep Batch: 734613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-1	BH1 1-4FT	Total/NA	Solid	7471B	
480-226018-2	BH2 1-4FT	Total/NA	Solid	7471B	
480-226018-3	BH3 1-4FT	Total/NA	Solid	7471B	
480-226018-4	BH4 1-4FT	Total/NA	Solid	7471B	
480-226018-5	BH5 1-4FT	Total/NA	Solid	7471B	
480-226018-6	BH6 1-4FT	Total/NA	Solid	7471B	
480-226018-7	BH7 1-4FT	Total/NA	Solid	7471B	
480-226018-8	BH8 1-4FT	Total/NA	Solid	7471B	
480-226018-9	BH9 2-4FT	Total/NA	Solid	7471B	
480-226018-10	BH10 0-2FT	Total/NA	Solid	7471B	
480-226018-11	BH11 1-2FT	Total/NA	Solid	7471B	
480-226018-12	BH12 1-3FT	Total/NA	Solid	7471B	
480-226018-13	BH13 1-3FT	Total/NA	Solid	7471B	
480-226018-14	BH14 2-4FT	Total/NA	Solid	7471B	
480-226018-15	BH15 1-4FT	Total/NA	Solid	7471B	
480-226018-16	BH16 1-4FT	Total/NA	Solid	7471B	
480-226018-17	BH17 1-3FT	Total/NA	Solid	7471B	
480-226018-18	BH18 2-4FT	Total/NA	Solid	7471B	
480-226018-19	BH19 1-3FT	Total/NA	Solid	7471B	
480-226018-20	BH20 1-3FT	Total/NA	Solid	7471B	
MB 480-734613/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-734613/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	
480-226018-1 MS	BH1 1-4FT	Total/NA	Solid	7471B	
480-226018-1 MSD	BH1 1-4FT	Total/NA	Solid	7471B	

Prep Batch: 734614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-21	BH21 1-3FT	Total/NA	Solid	7471B	
480-226018-22	BH22 1-3FT	Total/NA	Solid	7471B	
480-226018-23	BH23 1-3FT	Total/NA	Solid	7471B	
480-226018-24	BH24 1-3FT	Total/NA	Solid	7471B	
480-226018-25	BH25 1-3FT	Total/NA	Solid	7471B	
480-226018-26	BH26 1-3FT	Total/NA	Solid	7471B	
480-226018-27	NS1 1FT	Total/NA	Solid	7471B	
480-226018-28	NS2 1FT	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 734614 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-29	NS3 1FT	Total/NA	Solid	7471B	
MB 480-734614/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-734614/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 734621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-21	BH21 1-3FT	Total/NA	Solid	3050B	
480-226018-22	BH22 1-3FT	Total/NA	Solid	3050B	
480-226018-23	BH23 1-3FT	Total/NA	Solid	3050B	
480-226018-24	BH24 1-3FT	Total/NA	Solid	3050B	
480-226018-25	BH25 1-3FT	Total/NA	Solid	3050B	
480-226018-26	BH26 1-3FT	Total/NA	Solid	3050B	
480-226018-27	NS1 1FT	Total/NA	Solid	3050B	
480-226018-28	NS2 1FT	Total/NA	Solid	3050B	
480-226018-29	NS3 1FT	Total/NA	Solid	3050B	
MB 480-734621/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-734621/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-226018-22 MS	BH22 1-3FT	Total/NA	Solid	3050B	
480-226018-22 MSD	BH22 1-3FT	Total/NA	Solid	3050B	

Analysis Batch: 734622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-1	BH1 1-4FT	Total/NA	Solid	7471B	734613
480-226018-2	BH2 1-4FT	Total/NA	Solid	7471B	734613
480-226018-3	BH3 1-4FT	Total/NA	Solid	7471B	734613
480-226018-4	BH4 1-4FT	Total/NA	Solid	7471B	734613
480-226018-5	BH5 1-4FT	Total/NA	Solid	7471B	734613
480-226018-6	BH6 1-4FT	Total/NA	Solid	7471B	734613
480-226018-7	BH7 1-4FT	Total/NA	Solid	7471B	734613
480-226018-8	BH8 1-4FT	Total/NA	Solid	7471B	734613
480-226018-9	BH9 2-4FT	Total/NA	Solid	7471B	734613
480-226018-10	BH10 0-2FT	Total/NA	Solid	7471B	734613
480-226018-11	BH11 1-2FT	Total/NA	Solid	7471B	734613
480-226018-12	BH12 1-3FT	Total/NA	Solid	7471B	734613
480-226018-13	BH13 1-3FT	Total/NA	Solid	7471B	734613
480-226018-14	BH14 2-4FT	Total/NA	Solid	7471B	734613
480-226018-15	BH15 1-4FT	Total/NA	Solid	7471B	734613
480-226018-16	BH16 1-4FT	Total/NA	Solid	7471B	734613
480-226018-17	BH17 1-3FT	Total/NA	Solid	7471B	734613
480-226018-18	BH18 2-4FT	Total/NA	Solid	7471B	734613
480-226018-19	BH19 1-3FT	Total/NA	Solid	7471B	734613
480-226018-20	BH20 1-3FT	Total/NA	Solid	7471B	734613
480-226018-21	BH21 1-3FT	Total/NA	Solid	7471B	734614
480-226018-22	BH22 1-3FT	Total/NA	Solid	7471B	734614
480-226018-23	BH23 1-3FT	Total/NA	Solid	7471B	734614
480-226018-24	BH24 1-3FT	Total/NA	Solid	7471B	734614
480-226018-25	BH25 1-3FT	Total/NA	Solid	7471B	734614
480-226018-26	BH26 1-3FT	Total/NA	Solid	7471B	734614
480-226018-27	NS1 1FT	Total/NA	Solid	7471B	734614
480-226018-28	NS2 1FT	Total/NA	Solid	7471B	734614
480-226018-29	NS3 1FT	Total/NA	Solid	7471B	734614

Metals (Continued)

Analysis Batch: 734622 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-734613/1-A	Method Blank	Total/NA	Solid	7471B	734613
MB 480-734614/1-A	Method Blank	Total/NA	Solid	7471B	734614
LCSSRM 480-734613/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	734613
LCSSRM 480-734614/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	734614
480-226018-1 MS	BH1 1-4FT	Total/NA	Solid	7471B	734613
480-226018-1 MSD	BH1 1-4FT	Total/NA	Solid	7471B	734613

Analysis Batch: 734866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-1	BH1 1-4FT	Total/NA	Solid	6010C	734605
480-226018-2	BH2 1-4FT	Total/NA	Solid	6010C	734605
480-226018-3	BH3 1-4FT	Total/NA	Solid	6010C	734605
480-226018-4	BH4 1-4FT	Total/NA	Solid	6010C	734605
480-226018-5	BH5 1-4FT	Total/NA	Solid	6010C	734605
480-226018-6	BH6 1-4FT	Total/NA	Solid	6010C	734605
480-226018-7	BH7 1-4FT	Total/NA	Solid	6010C	734605
480-226018-8	BH8 1-4FT	Total/NA	Solid	6010C	734605
480-226018-9	BH9 2-4FT	Total/NA	Solid	6010C	734605
480-226018-10	BH10 0-2FT	Total/NA	Solid	6010C	734605
480-226018-11	BH11 1-2FT	Total/NA	Solid	6010C	734605
480-226018-12	BH12 1-3FT	Total/NA	Solid	6010C	734605
480-226018-13	BH13 1-3FT	Total/NA	Solid	6010C	734605
480-226018-14	BH14 2-4FT	Total/NA	Solid	6010C	734605
480-226018-15	BH15 1-4FT	Total/NA	Solid	6010C	734605
480-226018-16	BH16 1-4FT	Total/NA	Solid	6010C	734605
480-226018-17	BH17 1-3FT	Total/NA	Solid	6010C	734605
480-226018-18	BH18 2-4FT	Total/NA	Solid	6010C	734605
480-226018-19	BH19 1-3FT	Total/NA	Solid	6010C	734605
480-226018-20	BH20 1-3FT	Total/NA	Solid	6010C	734605
MB 480-734605/1-A	Method Blank	Total/NA	Solid	6010C	734605
LCSSRM 480-734605/2-A	Lab Control Sample	Total/NA	Solid	6010C	734605
480-226018-11 MS	BH11 1-2FT	Total/NA	Solid	6010C	734605
480-226018-11 MSD	BH11 1-2FT	Total/NA	Solid	6010C	734605

Analysis Batch: 734868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-21	BH21 1-3FT	Total/NA	Solid	6010C	734621
480-226018-22	BH22 1-3FT	Total/NA	Solid	6010C	734621
480-226018-23	BH23 1-3FT	Total/NA	Solid	6010C	734621
480-226018-24	BH24 1-3FT	Total/NA	Solid	6010C	734621
480-226018-25	BH25 1-3FT	Total/NA	Solid	6010C	734621
480-226018-26	BH26 1-3FT	Total/NA	Solid	6010C	734621
480-226018-27	NS1 1FT	Total/NA	Solid	6010C	734621
480-226018-28	NS2 1FT	Total/NA	Solid	6010C	734621
480-226018-29	NS3 1FT	Total/NA	Solid	6010C	734621
MB 480-734621/1-A	Method Blank	Total/NA	Solid	6010C	734621
LCSSRM 480-734621/2-A	Lab Control Sample	Total/NA	Solid	6010C	734621
480-226018-22 MS	BH22 1-3FT	Total/NA	Solid	6010C	734621
480-226018-22 MSD	BH22 1-3FT	Total/NA	Solid	6010C	734621

Metals

Analysis Batch: 734967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-12	BH12 1-3FT	Total/NA	Solid	6010C	734605
480-226018-13	BH13 1-3FT	Total/NA	Solid	6010C	734605
480-226018-14	BH14 2-4FT	Total/NA	Solid	6010C	734605
480-226018-15	BH15 1-4FT	Total/NA	Solid	6010C	734605
480-226018-16	BH16 1-4FT	Total/NA	Solid	6010C	734605
480-226018-17	BH17 1-3FT	Total/NA	Solid	6010C	734605
480-226018-18	BH18 2-4FT	Total/NA	Solid	6010C	734605
480-226018-19	BH19 1-3FT	Total/NA	Solid	6010C	734605
480-226018-20	BH20 1-3FT	Total/NA	Solid	6010C	734605
LCSSRM 480-734605/2-A	Lab Control Sample	Total/NA	Solid	6010C	734605

General Chemistry

Analysis Batch: 734599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226018-1	BH1 1-4FT	Total/NA	Solid	Moisture	
480-226018-2	BH2 1-4FT	Total/NA	Solid	Moisture	
480-226018-3	BH3 1-4FT	Total/NA	Solid	Moisture	
480-226018-4	BH4 1-4FT	Total/NA	Solid	Moisture	
480-226018-5	BH5 1-4FT	Total/NA	Solid	Moisture	
480-226018-6	BH6 1-4FT	Total/NA	Solid	Moisture	
480-226018-7	BH7 1-4FT	Total/NA	Solid	Moisture	
480-226018-8	BH8 1-4FT	Total/NA	Solid	Moisture	
480-226018-9	BH9 2-4FT	Total/NA	Solid	Moisture	
480-226018-10	BH10 0-2FT	Total/NA	Solid	Moisture	
480-226018-11	BH11 1-2FT	Total/NA	Solid	Moisture	
480-226018-12	BH12 1-3FT	Total/NA	Solid	Moisture	
480-226018-13	BH13 1-3FT	Total/NA	Solid	Moisture	
480-226018-14	BH14 2-4FT	Total/NA	Solid	Moisture	
480-226018-15	BH15 1-4FT	Total/NA	Solid	Moisture	
480-226018-16	BH16 1-4FT	Total/NA	Solid	Moisture	
480-226018-17	BH17 1-3FT	Total/NA	Solid	Moisture	
480-226018-18	BH18 2-4FT	Total/NA	Solid	Moisture	
480-226018-19	BH19 1-3FT	Total/NA	Solid	Moisture	
480-226018-20	BH20 1-3FT	Total/NA	Solid	Moisture	
480-226018-21	BH21 1-3FT	Total/NA	Solid	Moisture	
480-226018-22	BH22 1-3FT	Total/NA	Solid	Moisture	
480-226018-23	BH23 1-3FT	Total/NA	Solid	Moisture	
480-226018-24	BH24 1-3FT	Total/NA	Solid	Moisture	
480-226018-25	BH25 1-3FT	Total/NA	Solid	Moisture	
480-226018-26	BH26 1-3FT	Total/NA	Solid	Moisture	
480-226018-27	NS1 1FT	Total/NA	Solid	Moisture	
480-226018-28	NS2 1FT	Total/NA	Solid	Moisture	
480-226018-29	NS3 1FT	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Client Sample ID: BH1 1-4FT
Lab Sample ID: 480-226018-1
Date Collected: 12/04/24 08:20
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH1 1-4FT
Lab Sample ID: 480-226018-1
Date Collected: 12/04/24 08:20
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734574	LSC	EET BUF	12/06/24 13:56
Total/NA	Analysis	8270D		1	734691	JMM	EET BUF	12/09/24 14:31
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 10:58
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 09:31

Client Sample ID: BH2 1-4FT
Lab Sample ID: 480-226018-2
Date Collected: 12/04/24 08:40
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH2 1-4FT
Lab Sample ID: 480-226018-2
Date Collected: 12/04/24 08:40
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734574	LSC	EET BUF	12/06/24 13:56
Total/NA	Analysis	8270D		1	734691	JMM	EET BUF	12/09/24 14:58
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 11:00
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 09:36

Client Sample ID: BH3 1-4FT
Lab Sample ID: 480-226018-3
Date Collected: 12/04/24 09:10
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Lab Chronicle

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Client Sample ID: BH3 1-4FT
Lab Sample ID: 480-226018-3
Date Collected: 12/04/24 09:10
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 73.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734574	LSC	EET BUF	12/06/24 13:56
Total/NA	Analysis	8270D		1	734691	JMM	EET BUF	12/09/24 15:24
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 11:02
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 09:38

Client Sample ID: BH4 1-4FT
Lab Sample ID: 480-226018-4
Date Collected: 12/04/24 09:30
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH4 1-4FT
Lab Sample ID: 480-226018-4
Date Collected: 12/04/24 09:30
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 68.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734574	LSC	EET BUF	12/06/24 13:56
Total/NA	Analysis	8270D		1	734691	JMM	EET BUF	12/09/24 15:51
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 11:04
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 09:39

Client Sample ID: BH5 1-4FT
Lab Sample ID: 480-226018-5
Date Collected: 12/04/24 09:50
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH5 1-4FT
Lab Sample ID: 480-226018-5
Date Collected: 12/04/24 09:50
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734574	LSC	EET BUF	12/06/24 13:56
Total/NA	Analysis	8270D		5	734691	JMM	EET BUF	12/09/24 16:18
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 11:06
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		5	734622	ESB	EET BUF	12/07/24 10:49

Lab Chronicle

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Client Sample ID: BH6 1-4FT
Lab Sample ID: 480-226018-6
Date Collected: 12/04/24 10:10
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH6 1-4FT
Lab Sample ID: 480-226018-6
Date Collected: 12/04/24 10:10
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734574	LSC	EET BUF	12/06/24 13:56
Total/NA	Analysis	8270D		5	734691	JMM	EET BUF	12/09/24 16:45
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 11:08
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 09:44

Client Sample ID: BH7 1-4FT
Lab Sample ID: 480-226018-7
Date Collected: 12/04/24 11:00
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH7 1-4FT
Lab Sample ID: 480-226018-7
Date Collected: 12/04/24 11:00
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 67.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734574	LSC	EET BUF	12/06/24 13:56
Total/NA	Analysis	8270D		5	734810	JMM	EET BUF	12/10/24 15:23
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 11:24
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 09:45

Client Sample ID: BH8 1-4FT
Lab Sample ID: 480-226018-8
Date Collected: 12/04/24 11:15
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Lab Chronicle

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Client Sample ID: BH8 1-4FT
Lab Sample ID: 480-226018-8
Date Collected: 12/04/24 11:15
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 79.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734574	LSC	EET BUF	12/06/24 13:56
Total/NA	Analysis	8270D		10	734691	JMM	EET BUF	12/09/24 17:38
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 11:26
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 09:47

Client Sample ID: BH9 2-4FT
Lab Sample ID: 480-226018-9
Date Collected: 12/04/24 11:30
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH9 2-4FT
Lab Sample ID: 480-226018-9
Date Collected: 12/04/24 11:30
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734574	LSC	EET BUF	12/06/24 13:56
Total/NA	Analysis	8270D		10	734691	JMM	EET BUF	12/09/24 18:05
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 11:28
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 09:48

Client Sample ID: BH10 0-2FT
Lab Sample ID: 480-226018-10
Date Collected: 12/04/24 11:50
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH10 0-2FT
Lab Sample ID: 480-226018-10
Date Collected: 12/04/24 11:50
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734574	LSC	EET BUF	12/06/24 13:56
Total/NA	Analysis	8270D		5	734691	JMM	EET BUF	12/09/24 14:04
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 11:30
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 09:49

Lab Chronicle

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Client Sample ID: BH11 1-2FT
Lab Sample ID: 480-226018-11
Date Collected: 12/04/24 12:15
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH11 1-2FT
Lab Sample ID: 480-226018-11
Date Collected: 12/04/24 12:15
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		20	734834	AF	EET BUF	12/10/24 14:00
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 11:32
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 09:51

Client Sample ID: BH12 1-3FT
Lab Sample ID: 480-226018-12
Date Collected: 12/04/24 12:40
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH12 1-3FT
Lab Sample ID: 480-226018-12
Date Collected: 12/04/24 12:40
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 74.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		10	734834	AF	EET BUF	12/10/24 14:24
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734967	BMB	EET BUF	12/10/24 17:16
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 12:01
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 09:52

Client Sample ID: BH13 1-3FT
Lab Sample ID: 480-226018-13
Date Collected: 12/04/24 13:00
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH13 1-3FT
Lab Sample ID: 480-226018-13
Date Collected: 12/04/24 13:00
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		5	734834	AF	EET BUF	12/10/24 14:47
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734967	BMB	EET BUF	12/10/24 17:18
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 12:03
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		5	734622	ESB	EET BUF	12/07/24 10:50

Client Sample ID: BH14 2-4FT
Lab Sample ID: 480-226018-14
Date Collected: 12/04/24 13:20
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH14 2-4FT
Lab Sample ID: 480-226018-14
Date Collected: 12/04/24 13:20
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 78.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		10	734834	AF	EET BUF	12/10/24 15:11
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734967	BMB	EET BUF	12/10/24 17:20
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 12:05
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 09:56

Client Sample ID: BH15 1-4FT
Lab Sample ID: 480-226018-15
Date Collected: 12/04/24 13:40
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH15 1-4FT
Lab Sample ID: 480-226018-15
Date Collected: 12/04/24 13:40
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 77.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		5	734834	AF	EET BUF	12/10/24 15:35
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734967	BMB	EET BUF	12/10/24 17:22

Lab Chronicle

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Client Sample ID: BH15 1-4FT
Lab Sample ID: 480-226018-15
Date Collected: 12/04/24 13:40
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 77.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 12:07
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 09:57

Client Sample ID: BH16 1-4FT
Lab Sample ID: 480-226018-16
Date Collected: 12/04/24 13:55
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH16 1-4FT
Lab Sample ID: 480-226018-16
Date Collected: 12/04/24 13:55
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 80.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		5	734834	AF	EET BUF	12/10/24 15:59
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734967	BMB	EET BUF	12/10/24 17:30
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 12:09
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 10:01

Client Sample ID: BH17 1-3FT
Lab Sample ID: 480-226018-17
Date Collected: 12/04/24 14:10
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH17 1-3FT
Lab Sample ID: 480-226018-17
Date Collected: 12/04/24 14:10
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 77.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		1	734834	AF	EET BUF	12/10/24 16:23
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734967	BMB	EET BUF	12/10/24 17:32
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 12:11
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 10:02

Lab Chronicle

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Client Sample ID: BH18 2-4FT
Lab Sample ID: 480-226018-18
Date Collected: 12/04/24 14:30
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH18 2-4FT
Lab Sample ID: 480-226018-18
Date Collected: 12/04/24 14:30
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		5	734834	AF	EET BUF	12/10/24 16:47
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734967	BMB	EET BUF	12/10/24 17:34
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 12:13
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 10:04

Client Sample ID: BH19 1-3FT
Lab Sample ID: 480-226018-19
Date Collected: 12/04/24 14:45
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH19 1-3FT
Lab Sample ID: 480-226018-19
Date Collected: 12/04/24 14:45
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		10	734834	AF	EET BUF	12/10/24 17:11
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734967	BMB	EET BUF	12/10/24 17:35
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 12:14
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 10:05

Client Sample ID: BH20 1-3FT
Lab Sample ID: 480-226018-20
Date Collected: 12/04/24 15:00
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Lab Chronicle

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Client Sample ID: BH20 1-3FT
Lab Sample ID: 480-226018-20
Date Collected: 12/04/24 15:00
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		10	734834	AF	EET BUF	12/10/24 17:35
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734967	BMB	EET BUF	12/10/24 17:37
Total/NA	Prep	3050B			734605	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734866	BMB	EET BUF	12/10/24 12:16
Total/NA	Prep	7471B			734613	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 10:06

Client Sample ID: BH21 1-3FT
Lab Sample ID: 480-226018-21
Date Collected: 12/05/24 08:00
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH21 1-3FT
Lab Sample ID: 480-226018-21
Date Collected: 12/05/24 08:00
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 80.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		5	734834	AF	EET BUF	12/10/24 17:59
Total/NA	Prep	3050B			734621	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734868	BMB	EET BUF	12/10/24 12:02
Total/NA	Prep	7471B			734614	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 10:10

Client Sample ID: BH22 1-3FT
Lab Sample ID: 480-226018-22
Date Collected: 12/05/24 08:40
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH22 1-3FT
Lab Sample ID: 480-226018-22
Date Collected: 12/05/24 08:40
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		10	734834	AF	EET BUF	12/10/24 18:23
Total/NA	Prep	3050B			734621	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734868	BMB	EET BUF	12/10/24 12:04
Total/NA	Prep	7471B			734614	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 10:11

Lab Chronicle

Client: Professional Drafting Services/PDS
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Job ID: 480-226018-1

Client Sample ID: BH23 1-3FT
Date Collected: 12/05/24 08:50
Date Received: 12/06/24 11:45

Lab Sample ID: 480-226018-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH23 1-3FT
Date Collected: 12/05/24 08:50
Date Received: 12/06/24 11:45

Lab Sample ID: 480-226018-23
Matrix: Solid
Percent Solids: 80.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		5	734834	AF	EET BUF	12/10/24 18:47
Total/NA	Prep	3050B			734621	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734868	BMB	EET BUF	12/10/24 12:14
Total/NA	Prep	7471B			734614	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 10:13

Client Sample ID: BH24 1-3FT
Date Collected: 12/05/24 09:00
Date Received: 12/06/24 11:45

Lab Sample ID: 480-226018-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH24 1-3FT
Date Collected: 12/05/24 09:00
Date Received: 12/06/24 11:45

Lab Sample ID: 480-226018-24
Matrix: Solid
Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		10	734834	AF	EET BUF	12/10/24 19:11
Total/NA	Prep	3050B			734621	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734868	BMB	EET BUF	12/10/24 12:21
Total/NA	Prep	7471B			734614	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 10:17

Client Sample ID: BH25 1-3FT
Date Collected: 12/05/24 09:15
Date Received: 12/06/24 11:45

Lab Sample ID: 480-226018-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Lab Chronicle

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Client Sample ID: BH25 1-3FT
Lab Sample ID: 480-226018-25
Date Collected: 12/05/24 09:15
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		5	734834	AF	EET BUF	12/10/24 19:35
Total/NA	Prep	3050B			734621	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734868	BMB	EET BUF	12/10/24 12:23
Total/NA	Prep	7471B			734614	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 10:18

Client Sample ID: BH26 1-3FT
Lab Sample ID: 480-226018-26
Date Collected: 12/05/24 09:45
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: BH26 1-3FT
Lab Sample ID: 480-226018-26
Date Collected: 12/05/24 09:45
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		5	734834	AF	EET BUF	12/10/24 19:59
Total/NA	Prep	3050B			734621	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734868	BMB	EET BUF	12/10/24 12:25
Total/NA	Prep	7471B			734614	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 10:19

Client Sample ID: NS1 1FT
Lab Sample ID: 480-226018-27
Date Collected: 12/05/24 08:10
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: NS1 1FT
Lab Sample ID: 480-226018-27
Date Collected: 12/05/24 08:10
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		10	734834	AF	EET BUF	12/10/24 20:23
Total/NA	Prep	3050B			734621	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734868	BMB	EET BUF	12/10/24 12:27
Total/NA	Prep	7471B			734614	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 10:21

Lab Chronicle

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Client Sample ID: NS2 1FT
Lab Sample ID: 480-226018-28
Date Collected: 12/05/24 08:15
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: NS2 1FT
Lab Sample ID: 480-226018-28
Date Collected: 12/05/24 08:15
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		10	734834	AF	EET BUF	12/10/24 20:46
Total/NA	Prep	3050B			734621	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734868	BMB	EET BUF	12/10/24 12:29
Total/NA	Prep	7471B			734614	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 10:22

Client Sample ID: NS3 1FT
Lab Sample ID: 480-226018-29
Date Collected: 12/05/24 08:20
Matrix: Solid
Date Received: 12/06/24 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	734599	AF	EET BUF	12/06/24 15:07

Client Sample ID: NS3 1FT
Lab Sample ID: 480-226018-29
Date Collected: 12/05/24 08:20
Matrix: Solid
Date Received: 12/06/24 11:45
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			734671	DP	EET BUF	12/09/24 07:01
Total/NA	Analysis	8270D		1	734834	AF	EET BUF	12/10/24 21:11
Total/NA	Prep	3050B			734621	ET	EET BUF	12/07/24 14:32
Total/NA	Analysis	6010C		1	734868	BMB	EET BUF	12/10/24 12:31
Total/NA	Prep	7471B			734614	ESB	EET BUF	12/07/24 07:45
Total/NA	Analysis	7471B		1	734622	ESB	EET BUF	12/07/24 10:23

Laboratory References:
EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Method	Method Description	Protocol	Laboratory
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010C	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
3050B	Preparation, Metals	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Professional Drafting Services/PDS
Job ID: 480-226018-1
Project/Site: 14 - 17 Montgomery St. - Hudson, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-226018-1	BH1 1-4FT	Solid	12/04/24 08:20	12/06/24 11:45
480-226018-2	BH2 1-4FT	Solid	12/04/24 08:40	12/06/24 11:45
480-226018-3	BH3 1-4FT	Solid	12/04/24 09:10	12/06/24 11:45
480-226018-4	BH4 1-4FT	Solid	12/04/24 09:30	12/06/24 11:45
480-226018-5	BH5 1-4FT	Solid	12/04/24 09:50	12/06/24 11:45
480-226018-6	BH6 1-4FT	Solid	12/04/24 10:10	12/06/24 11:45
480-226018-7	BH7 1-4FT	Solid	12/04/24 11:00	12/06/24 11:45
480-226018-8	BH8 1-4FT	Solid	12/04/24 11:15	12/06/24 11:45
480-226018-9	BH9 2-4FT	Solid	12/04/24 11:30	12/06/24 11:45
480-226018-10	BH10 0-2FT	Solid	12/04/24 11:50	12/06/24 11:45
480-226018-11	BH11 1-2FT	Solid	12/04/24 12:15	12/06/24 11:45
480-226018-12	BH12 1-3FT	Solid	12/04/24 12:40	12/06/24 11:45
480-226018-13	BH13 1-3FT	Solid	12/04/24 13:00	12/06/24 11:45
480-226018-14	BH14 2-4FT	Solid	12/04/24 13:20	12/06/24 11:45
480-226018-15	BH15 1-4FT	Solid	12/04/24 13:40	12/06/24 11:45
480-226018-16	BH16 1-4FT	Solid	12/04/24 13:55	12/06/24 11:45
480-226018-17	BH17 1-3FT	Solid	12/04/24 14:10	12/06/24 11:45
480-226018-18	BH18 2-4FT	Solid	12/04/24 14:30	12/06/24 11:45
480-226018-19	BH19 1-3FT	Solid	12/04/24 14:45	12/06/24 11:45
480-226018-20	BH20 1-3FT	Solid	12/04/24 15:00	12/06/24 11:45
480-226018-21	BH21 1-3FT	Solid	12/05/24 08:00	12/06/24 11:45
480-226018-22	BH22 1-3FT	Solid	12/05/24 08:40	12/06/24 11:45
480-226018-23	BH23 1-3FT	Solid	12/05/24 08:50	12/06/24 11:45
480-226018-24	BH24 1-3FT	Solid	12/05/24 09:00	12/06/24 11:45
480-226018-25	BH25 1-3FT	Solid	12/05/24 09:15	12/06/24 11:45
480-226018-26	BH26 1-3FT	Solid	12/05/24 09:45	12/06/24 11:45
480-226018-27	NS1 1FT	Solid	12/05/24 08:10	12/06/24 11:45
480-226018-28	NS2 1FT	Solid	12/05/24 08:15	12/06/24 11:45
480-226018-29	NS3 1FT	Solid	12/05/24 08:20	12/06/24 11:45

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler: PETE GORTON	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-201122-41417.1
Client Contact: Peter Gorton	Phone: 716-308-8220	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 1 of 3
Company: Professional Drafting Services/PDS NIAGARA ENGINEERING	PWSID:			Job #:
Address: 255 Geat Arrow Avenue Suite 102	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14207	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Advance Payment Required			
Email: pgorton@niagaraengg.com	WO #:			
Project Name: 14 - 17 Montgomery St. - Hudson, NY	Project #: 48028251			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None

480-226018 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C, 7471B, 8270D	Total Number	Special Instructions/Note:
			Preservation Code:				N		
BH1 1-4FT	12-4-24	820	G	Solid			X		
BH2 1-4FT		840		Solid					
BH3 1-4FT		910		Solid					
BH4 1-4FT		930		Solid					
BH5 1-4FT		950		Solid					
BH6 1-4FT		1010		Solid					
BH7 1-4FT		1100		Solid					
BH8 1-4FT		1115		Solid					
BH9 2-4FT		1130		Solid					
BH10 0-2FT		1150		Solid					
BH11 1-2FT		1215		Solid					

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) BASIC

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Pete Gorton	Date/Time: 12-6-24 1145	Company	Received by: KS	Date/Time: 12-6-24 1145	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.0 ICE IR# SC

Ver: 10/10/2024

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler: PETER GORTON	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-201122-41417.2
Client Contact: Peter Gorton	Phone: 716-309-9220	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 2 of 3
Company: Professional Drafting Services/PDS / NIAGARA ENGINEERING	PWSID:			Job #:
Address: 255 Geat Arrow Avenue Suite 102	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14207	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Advance Payment Required			
Email: pgorton@niagaraengg.com	WO #:			
Project Name: 14 - 17 Montgomery St. - Hudson, NY	Project #: 48028251			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C, 7471B, 8270D	Total Number of containers	Special Instructions/Note:
		Preservation Code:					N		
BH12 1-3 FT	12-4-24	1240	G	Solid			X		
BH13 1-3FT		100		Solid					
BH14 2-4FT		120		Solid					
BH15 1-4FT		140		Solid					
BH16 1-4FT		155		Solid					
BH17 1-3FT		210		Solid					
BH18 2-4FT		230		Solid					
BH19 1-3FT		245		Solid					
BH20 1-3FT		300		Solid					
BH21 1-3FT	12-5-24	800		Solid					
BH22 1-3FT	12-5-24	840		Solid					

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) BASIC

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		12-6-1115		See pg1		
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler: PETE GORTON	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-201122-41417.3
Client Contact: Peter Gorton	Phone: 716-305-8770	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 3 of 3
Company: Professional Drafting Services/PDS / NIAGARA ENGINEERING	PWSID:			Job #:
Address: 255 Geat Arrow Avenue Suite 102	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14207	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Advance Payment Required			
Email: pgorton@niagaraengg.com	WO #:			
Project Name: 14 - 17 Montgomery St. - Hudson, NY	Project #: 48028251			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C, 7471B, 8270D	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
BH23 1-3FT	12-5-24	8:50	G	Solid			X		
BH24 1-3FT	12-5-24	900		Solid					
BH25 1-3FT	12-5-24	915		Solid					
BH26 1-3FT	12-5-24	945		Solid					
NS1 1FT	12-5-24	810		Solid					
NS2 1FT	12-5-24	815		Solid					
NS3 1FT	12-5-24	820		Solid					
				Solid					
				Solid					
				Solid					

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Peter Gorton	Date/Time: 12-6-24 1144	Company	Received by: See pg1	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Professional Drafting Services/PDS

Job Number: 480-226018-1

Login Number: 226018
List Number: 1
Creator: Kolb, Chris M

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	PDS
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Peter Gorton
Niagara Engineering, DPC
255 Great Arrow Avenue
Suite 102
Buffalo, New York 14207

Generated 4/16/2025 9:54:49 AM Revision 1

JOB DESCRIPTION

Montgomery Street - Soil Project

JOB NUMBER

480-228504-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job ID: 480-228504-1 — Eurofins Buffalo

Job Narrative
480-228504-1

Revision 1
The report being provided is a revision of the original report sent on 4/15/2025. The report (revision 1) is being revised to report rerun results from a lower dilution for method 8270.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/5/2025 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

GC/MS Semi VOA
Method 8270D: The following samples were diluted due to color, appearance, and viscosity: BH-27 3-6 Feet (480-228504-1), BH-30 2-5 Feet (480-228504-3), BH-34 1-3 Feet (480-228504-7), BH-36 2-4 Feet (480-228504-8) and BH-37 2-4 Feet (480-228504-9). Elevated reporting limits (RL) are provided.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 480-743070 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 480-743590 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-743017 is outside the acceptance criteria for the following analytes: Silver. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

Method 6010D: The linear range check (LRC) standard recovery associated with 480-743165 is outside the acceptance criteria for the following analytes: Silver, Beryllium, Chromium, Nickel, and Zinc. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

Method 6010D: The linear range check (LRC) standard recovery associated with 480-743177 is outside the acceptance criteria for the following analytes: Beryllium and Nickel. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Niagara Engineering, DPC
Project/Site: Montgomery Street - Soil Project

Job ID: 480-228504-1

Client Sample ID: BH-27 3-6 Feet — Lab Sample ID: 480-228504-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	88	J	470	60	ug/Kg	2	☼	8270D	Total/NA
Benzo(a)anthracene	100	J	470	47	ug/Kg	2	☼	8270D	Total/NA
Benzo(a)pyrene	160	J	470	68	ug/Kg	2	☼	8270D	Total/NA
Benzo(b)fluoranthene	180	J	470	74	ug/Kg	2	☼	8270D	Total/NA
Benzo(g,h,i)perylene	290	J	470	49	ug/Kg	2	☼	8270D	Total/NA
Benzo(k)fluoranthene	94	J	470	60	ug/Kg	2	☼	8270D	Total/NA
Chrysene	150	J	470	100	ug/Kg	2	☼	8270D	Total/NA
Fluoranthene	300	J	470	49	ug/Kg	2	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	160	J	470	57	ug/Kg	2	☼	8270D	Total/NA
Phenanthrene	240	J	470	68	ug/Kg	2	☼	8270D	Total/NA
Pyrene	280	J	470	55	ug/Kg	2	☼	8270D	Total/NA
Silver	0.56	J ^5-	0.84	0.28	mg/Kg	1	☼	6010D	Total/NA
Arsenic	12.3		2.8	1.2	mg/Kg	1	☼	6010D	Total/NA
Barium	191		0.70	0.20	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.94	^5- B	0.29	0.057	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.47		0.28	0.098	mg/Kg	1	☼	6010D	Total/NA
Chromium	24.9		0.70	0.50	mg/Kg	1	☼	6010D	Total/NA
Copper	44.2		1.4	0.79	mg/Kg	1	☼	6010D	Total/NA
Manganese	711		1.4	0.39	mg/Kg	1	☼	6010D	Total/NA
Nickel	19.4	^5- B	7.2	0.36	mg/Kg	1	☼	6010D	Total/NA
Lead	228		1.4	0.64	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.1	J	5.6	1.1	mg/Kg	1	☼	6010D	Total/NA
Zinc	233		2.8	1.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.23		0.029	0.0067	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH-29 2-5 Feet — Lab Sample ID: 480-228504-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	46	J	230	30	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)anthracene	220	J	230	23	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)pyrene	210	J	230	34	ug/Kg	1	☼	8270D	Total/NA
Benzo(b)fluoranthene	230		230	37	ug/Kg	1	☼	8270D	Total/NA
Benzo(g,h,i)perylene	110	J	230	25	ug/Kg	1	☼	8270D	Total/NA
Benzo(k)fluoranthene	160	J	230	30	ug/Kg	1	☼	8270D	Total/NA
Chrysene	230		230	52	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	300		230	25	ug/Kg	1	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	98	J	230	29	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	160	J	230	34	ug/Kg	1	☼	8270D	Total/NA
Pyrene	250		230	28	ug/Kg	1	☼	8270D	Total/NA
Arsenic	12.4		2.8	1.2	mg/Kg	1	☼	6010D	Total/NA
Barium	68.8		0.71	0.20	mg/Kg	1	☼	6010D	Total/NA
Beryllium	1.0	^5- B	0.29	0.058	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.17	J	0.28	0.099	mg/Kg	1	☼	6010D	Total/NA
Chromium	6.1		0.71	0.51	mg/Kg	1	☼	6010D	Total/NA
Copper	12.9		1.4	0.81	mg/Kg	1	☼	6010D	Total/NA
Manganese	323		1.4	0.40	mg/Kg	1	☼	6010D	Total/NA
Nickel	19.8	^5- B	7.2	0.36	mg/Kg	1	☼	6010D	Total/NA
Lead	93.7		1.4	0.65	mg/Kg	1	☼	6010D	Total/NA
Zinc	49.0		2.8	1.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.095		0.029	0.0066	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Niagara Engineering, DPC
Project/Site: Montgomery Street - Soil Project

Job ID: 480-228504-1

Client Sample ID: BH-30 2-5 Feet — Lab Sample ID: 480-228504-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	150	J	390	51	ug/Kg	2	☼	8270D	Total/NA
Anthracene	140	J	390	97	ug/Kg	2	☼	8270D	Total/NA
Benzo(a)anthracene	700		390	39	ug/Kg	2	☼	8270D	Total/NA
Benzo(a)pyrene	810		390	58	ug/Kg	2	☼	8270D	Total/NA
Benzo(b)fluoranthene	1100		390	63	ug/Kg	2	☼	8270D	Total/NA
Benzo(g,h,i)perylene	610		390	42	ug/Kg	2	☼	8270D	Total/NA
Benzo(k)fluoranthene	390		390	51	ug/Kg	2	☼	8270D	Total/NA
Chrysene	870		390	88	ug/Kg	2	☼	8270D	Total/NA
Dibenz(a,h)anthracene	180	J	390	70	ug/Kg	2	☼	8270D	Total/NA
Dibenzofuran	69	J	390	46	ug/Kg	2	☼	8270D	Total/NA
Fluoranthene	1600		390	42	ug/Kg	2	☼	8270D	Total/NA
Fluorene	64	J	390	46	ug/Kg	2	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	540		390	49	ug/Kg	2	☼	8270D	Total/NA
Naphthalene	68	J	390	51	ug/Kg	2	☼	8270D	Total/NA
Phenanthrene	1200		390	58	ug/Kg	2	☼	8270D	Total/NA
Pyrene	1300		390	46	ug/Kg	2	☼	8270D	Total/NA
Silver	0.26	J ^5-	0.68	0.23	mg/Kg	1	☼	6010D	Total/NA
Arsenic	10.8		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	145		0.57	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.89	^5- B	0.24	0.048	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.17	J	0.23	0.079	mg/Kg	1	☼	6010D	Total/NA
Chromium	9.1		0.57	0.41	mg/Kg	1	☼	6010D	Total/NA
Copper	26.5		1.1	0.65	mg/Kg	1	☼	6010D	Total/NA
Manganese	760		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Nickel	13.6	^5- B	6.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Lead	181		1.1	0.52	mg/Kg	1	☼	6010D	Total/NA
Zinc	73.8		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.89		0.023	0.0053	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH-33 2-4 Feet — Lab Sample ID: 480-228504-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	36	J	210	28	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)anthracene	260		210	21	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)pyrene	250		210	31	ug/Kg	1	☼	8270D	Total/NA
Benzo(b)fluoranthene	340		210	34	ug/Kg	1	☼	8270D	Total/NA
Benzo(g,h,i)perylene	140	J	210	23	ug/Kg	1	☼	8270D	Total/NA
Benzo(k)fluoranthene	130	J	210	28	ug/Kg	1	☼	8270D	Total/NA
Chrysene	260		210	48	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	55	J	210	38	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	400		210	23	ug/Kg	1	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	130	J	210	26	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	160	J	210	31	ug/Kg	1	☼	8270D	Total/NA
Pyrene	330		210	25	ug/Kg	1	☼	8270D	Total/NA
Silver	0.41	J ^5-	0.81	0.27	mg/Kg	1	☼	6010D	Total/NA
Arsenic	13.0		2.7	1.2	mg/Kg	1	☼	6010D	Total/NA
Barium	204		0.67	0.19	mg/Kg	1	☼	6010D	Total/NA
Beryllium	1.2	^5- B	0.27	0.054	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.35		0.27	0.094	mg/Kg	1	☼	6010D	Total/NA
Chromium	10.1		0.67	0.48	mg/Kg	1	☼	6010D	Total/NA
Copper	47.1		1.3	0.76	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: BH-33 2-4 Feet (Continued) — Lab Sample ID: 480-228504-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	665		1.3	0.38	mg/Kg	1	☼	6010D	Total/NA
Nickel	3.7	J ^5- B	6.8	0.34	mg/Kg	1	☼	6010D	Total/NA
Lead	356		1.3	0.62	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.2	J	5.4	1.1	mg/Kg	1	☼	6010D	Total/NA
Zinc	194		2.7	1.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.24		0.026	0.0059	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH-34 1-3 Feet — Lab Sample ID: 480-228504-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	220	J	460	59	ug/Kg	2	☼	8270D	Total/NA
Anthracene	140	J	460	110	ug/Kg	2	☼	8270D	Total/NA
Benzo(a)anthracene	470		460	46	ug/Kg	2	☼	8270D	Total/NA
Benzo(a)pyrene	550		460	67	ug/Kg	2	☼	8270D	Total/NA
Benzo(b)fluoranthene	880		460	72	ug/Kg	2	☼	8270D	Total/NA
Benzo(g,h,i)perylene	480		460	48	ug/Kg	2	☼	8270D	Total/NA
Benzo(k)fluoranthene	340	J	460	59	ug/Kg	2	☼	8270D	Total/NA
Chrysene	660		460	100	ug/Kg	2	☼	8270D	Total/NA
Dibenz(a,h)anthracene	140	J	460	80	ug/Kg	2	☼	8270D	Total/NA
Fluoranthene	1400		460	48	ug/Kg	2	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	390	J	460	56	ug/Kg	2	☼	8270D	Total/NA
Phenanthrene	900		460	67	ug/Kg	2	☼	8270D	Total/NA
Pyrene	1100		460	54	ug/Kg	2	☼	8270D	Total/NA
Silver	0.80	J ^5-	0.83	0.28	mg/Kg	1	☼	6010D	Total/NA
Arsenic	17.3		2.8	1.2	mg/Kg	1	☼	6010D	Total/NA
Barium	840		0.69	0.19	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.90	^5- B	0.28	0.056	mg/Kg	1	☼	6010D	Total/NA
Cadmium	1.5		0.28	0.097	mg/Kg	1	☼	6010D	Total/NA
Chromium	25.7		0.69	0.50	mg/Kg	1	☼	6010D	Total/NA
Copper	109		1.4	0.79	mg/Kg	1	☼	6010D	Total/NA
Manganese	642		1.4	0.39	mg/Kg	1	☼	6010D	Total/NA
Nickel	20.8	^5- B	7.1	0.35	mg/Kg	1	☼	6010D	Total/NA
Lead	740		1.4	0.64	mg/Kg	1	☼	6010D	Total/NA
Zinc	490		2.8	1.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.60		0.027	0.0062	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH-36 2-4 Feet — Lab Sample ID: 480-228504-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	60	J	390	57	ug/Kg	2	☼	8270D	Total/NA
Acenaphthylene	420		390	51	ug/Kg	2	☼	8270D	Total/NA
Anthracene	350	J	390	97	ug/Kg	2	☼	8270D	Total/NA
Benzo(a)anthracene	970		390	39	ug/Kg	2	☼	8270D	Total/NA
Benzo(a)pyrene	1300		390	57	ug/Kg	2	☼	8270D	Total/NA
Benzo(b)fluoranthene	1300		390	62	ug/Kg	2	☼	8270D	Total/NA
Benzo(g,h,i)perylene	1000		390	41	ug/Kg	2	☼	8270D	Total/NA
Benzo(k)fluoranthene	630		390	51	ug/Kg	2	☼	8270D	Total/NA
Chrysene	1200		390	87	ug/Kg	2	☼	8270D	Total/NA
Dibenz(a,h)anthracene	260	J	390	69	ug/Kg	2	☼	8270D	Total/NA
Dibenzofuran	58	J	390	46	ug/Kg	2	☼	8270D	Total/NA
Fluoranthene	2100		390	41	ug/Kg	2	☼	8270D	Total/NA
Fluorene	170	J	390	46	ug/Kg	2	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BH-36 2-4 Feet (Continued)

Lab Sample ID: 480-228504-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno(1,2,3-cd)pyrene	760		390	48	ug/Kg	2	☼	8270D	Total/NA
Naphthalene	98	J	390	51	ug/Kg	2	☼	8270D	Total/NA
Phenanthrene	1900		390	57	ug/Kg	2	☼	8270D	Total/NA
Pyrene	2500		390	46	ug/Kg	2	☼	8270D	Total/NA
Silver	0.30	J ^5-	0.68	0.23	mg/Kg	1	☼	6010D	Total/NA
Arsenic	8.2		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	127		0.57	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.81	^5- B	0.23	0.047	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.24		0.23	0.080	mg/Kg	1	☼	6010D	Total/NA
Chromium	13.4		0.57	0.41	mg/Kg	1	☼	6010D	Total/NA
Copper	29.2		1.1	0.65	mg/Kg	1	☼	6010D	Total/NA
Manganese	691		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Nickel	16.3	^5- B	5.8	0.29	mg/Kg	1	☼	6010D	Total/NA
Lead	112		1.1	0.52	mg/Kg	1	☼	6010D	Total/NA
Zinc	107		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.52		0.024	0.0056	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH-37 2-4 Feet

Lab Sample ID: 480-228504-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	250	J	430	43	ug/Kg	2	☼	8270D	Total/NA
Benzo(a)pyrene	270	J	430	63	ug/Kg	2	☼	8270D	Total/NA
Benzo(b)fluoranthene	360	J	430	68	ug/Kg	2	☼	8270D	Total/NA
Benzo(g,h,i)perylene	130	J	430	45	ug/Kg	2	☼	8270D	Total/NA
Benzo(k)fluoranthene	160	J	430	56	ug/Kg	2	☼	8270D	Total/NA
Chrysene	280	J	430	96	ug/Kg	2	☼	8270D	Total/NA
Fluoranthene	410	J	430	45	ug/Kg	2	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	120	J	430	53	ug/Kg	2	☼	8270D	Total/NA
Phenanthrene	130	J	430	63	ug/Kg	2	☼	8270D	Total/NA
Pyrene	330	J	430	51	ug/Kg	2	☼	8270D	Total/NA
Arsenic	12.7		2.6	1.2	mg/Kg	1	☼	6010D	Total/NA
Barium	163		0.66	0.18	mg/Kg	1	☼	6010D	Total/NA
Beryllium	1.2	^5- B	0.26	0.053	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.54		0.26	0.092	mg/Kg	1	☼	6010D	Total/NA
Chromium	13.8	^5-	0.66	0.48	mg/Kg	1	☼	6010D	Total/NA
Copper	35.0		1.3	0.75	mg/Kg	1	☼	6010D	Total/NA
Manganese	455	B F1	1.3	0.37	mg/Kg	1	☼	6010D	Total/NA
Nickel	16.1	^5-	6.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Lead	744	F2	1.3	0.61	mg/Kg	1	☼	6010D	Total/NA
Zinc	254	^5- F1	2.6	1.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.74	F1 F2	0.025	0.0057	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BH-27 3-6 Feet
Lab Sample ID: 480-228504-1

Date Collected: 04/03/25 08:10
Matrix: Solid

Date Received: 04/05/25 10:30
Percent Solids: 71.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		470	68	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Acenaphthylene	**88**	**J**	470	60	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Anthracene	ND		470	110	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Benzo(a)anthracene	**100**	**J**	470	47	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Benzo(a)pyrene	**160**	**J**	470	68	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Benzo(b)fluoranthene	**180**	**J**	470	74	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Benzo(g,h,i)perylene	**290**	**J**	470	49	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Benzo(k)fluoranthene	**94**	**J**	470	60	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Chrysene	**150**	**J**	470	100	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Dibenz(a,h)anthracene	ND		470	82	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Dibenzofuran	ND		470	55	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Fluoranthene	**300**	**J**	470	49	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Fluorene	ND		470	55	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Hexachlorobenzene	ND		470	63	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Indeno(1,2,3-cd)pyrene	**160**	**J**	470	57	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
m-Cresol	ND		900	71	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Naphthalene	ND		470	60	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
1,4-Dioxane	ND		270	150	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
o-Cresol	ND		470	55	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
p-Cresol	ND		900	55	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Pentachlorophenol	ND		900	470	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Phenanthrene	**240**	**J**	470	68	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Phenol	ND		470	71	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2
Pyrene	**280**	**J**	470	55	ug/Kg	☼	04/08/25 06:36	04/15/25 11:48	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*103*		*26 - 143*	*04/08/25 06:36*	*04/15/25 11:48*	*2*
2-Fluorobiphenyl	*87*		*50 - 121*	*04/08/25 06:36*	*04/15/25 11:48*	*2*
2-Fluorophenol	*79*		*36 - 120*	*04/08/25 06:36*	*04/15/25 11:48*	*2*
Nitrobenzene-d5	*83*		*40 - 121*	*04/08/25 06:36*	*04/15/25 11:48*	*2*
Phenol-d5	*82*		*41 - 120*	*04/08/25 06:36*	*04/15/25 11:48*	*2*
p-Terphenyl-d14	*90*		*46 - 143*	*04/08/25 06:36*	*04/15/25 11:48*	*2*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.56**	**J ^5-**	0.84	0.28	mg/Kg	☼	04/07/25 14:56	04/08/25 12:48	1
Arsenic	**12.3**		2.8	1.2	mg/Kg	☼	04/07/25 14:56	04/08/25 12:48	1
Barium	**191**		0.70	0.20	mg/Kg	☼	04/07/25 14:56	04/08/25 12:48	1
Beryllium	**0.94**	**^5- B**	0.29	0.057	mg/Kg	☼	04/08/25 15:26	04/09/25 15:35	1
Cadmium	**0.47**		0.28	0.098	mg/Kg	☼	04/07/25 14:56	04/08/25 12:48	1
Chromium	**24.9**		0.70	0.50	mg/Kg	☼	04/07/25 14:56	04/08/25 12:48	1
Copper	**44.2**		1.4	0.79	mg/Kg	☼	04/07/25 14:56	04/08/25 12:48	1
Manganese	**711**		1.4	0.39	mg/Kg	☼	04/07/25 14:56	04/08/25 12:48	1
Nickel	**19.4**	**^5- B**	7.2	0.36	mg/Kg	☼	04/08/25 15:26	04/09/25 15:35	1
Lead	**228**		1.4	0.64	mg/Kg	☼	04/07/25 14:56	04/08/25 12:48	1
Selenium	**1.1**	**J**	5.6	1.1	mg/Kg	☼	04/07/25 14:56	04/08/25 12:48	1
Zinc	**233**		2.8	1.4	mg/Kg	☼	04/07/25 14:56	04/08/25 12:48	1

Client Sample ID: BH-27 3-6 Feet
Lab Sample ID: 480-228504-1
Date Collected: 04/03/25 08:10
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 71.6

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.23**		0.029	0.0067	mg/Kg	☼	04/09/25 08:27	04/09/25 10:00	1

Client Sample ID: BH-29 2-5 Feet
Lab Sample ID: 480-228504-2
Date Collected: 04/03/25 08:20
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 71.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		230	34	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Acenaphthylene	**46**	**J**	230	30	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Anthracene	ND		230	58	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Benzo(a)anthracene	**220**	**J**	230	23	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Benzo(a)pyrene	**210**	**J**	230	34	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Benzo(b)fluoranthene	**230**		230	37	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Benzo(g,h,i)perylene	**110**	**J**	230	25	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Benzo(k)fluoranthene	**160**	**J**	230	30	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Chrysene	**230**		230	52	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Dibenz(a,h)anthracene	ND		230	41	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Dibenzofuran	ND		230	28	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Fluoranthene	**300**		230	25	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Fluorene	ND		230	28	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Hexachlorobenzene	ND		230	32	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Indeno(1,2,3-cd)pyrene	**98**	**J**	230	29	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
m-Cresol	ND		450	36	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Naphthalene	ND		230	30	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
1,4-Dioxane	ND		140	76	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
o-Cresol	ND		230	28	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
p-Cresol	ND		450	28	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Pentachlorophenol	ND		450	230	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Phenanthrene	**160**	**J**	230	34	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Phenol	ND		230	36	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1
Pyrene	**250**		230	28	ug/Kg	☼	04/08/25 06:36	04/09/25 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*60*		*26 - 143*	*04/08/25 06:36*	*04/09/25 19:28*	*1*
2-Fluorobiphenyl	*88*		*50 - 121*	*04/08/25 06:36*	*04/09/25 19:28*	*1*
2-Fluorophenol	*70*		*36 - 120*	*04/08/25 06:36*	*04/09/25 19:28*	*1*
Nitrobenzene-d5	*89*		*40 - 121*	*04/08/25 06:36*	*04/09/25 19:28*	*1*
Phenol-d5	*82*		*41 - 120*	*04/08/25 06:36*	*04/09/25 19:28*	*1*
p-Terphenyl-d14	*94*		*46 - 143*	*04/08/25 06:36*	*04/09/25 19:28*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	^5-	0.85	0.28	mg/Kg	☼	04/07/25 14:56	04/08/25 12:50	1
Arsenic	**12.4**		2.8	1.2	mg/Kg	☼	04/07/25 14:56	04/08/25 12:50	1
Barium	**68.8**		0.71	0.20	mg/Kg	☼	04/07/25 14:56	04/08/25 12:50	1
Beryllium	**1.0**	**^5- B**	0.29	0.058	mg/Kg	☼	04/08/25 15:26	04/09/25 15:37	1
Cadmium	**0.17**	**J**	0.28	0.099	mg/Kg	☼	04/07/25 14:56	04/08/25 12:50	1
Chromium	**6.1**		0.71	0.51	mg/Kg	☼	04/07/25 14:56	04/08/25 12:50	1
Copper	**12.9**		1.4	0.81	mg/Kg	☼	04/07/25 14:56	04/08/25 12:50	1

Client Sample ID: BH-29 2-5 Feet
Lab Sample ID: 480-228504-2
Date Collected: 04/03/25 08:20
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 71.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	323		1.4	0.40	mg/Kg	☼	04/07/25 14:56	04/08/25 12:50	1
Nickel	19.8	^5- B	7.2	0.36	mg/Kg	☼	04/08/25 15:26	04/09/25 15:37	1
Lead	93.7		1.4	0.65	mg/Kg	☼	04/07/25 14:56	04/08/25 12:50	1
Selenium	ND		5.7	1.1	mg/Kg	☼	04/07/25 14:56	04/08/25 12:50	1
Zinc	49.0		2.8	1.4	mg/Kg	☼	04/07/25 14:56	04/08/25 12:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.095		0.029	0.0066	mg/Kg	☼	04/09/25 08:27	04/09/25 10:01	1

Client Sample ID: BH-30 2-5 Feet
Lab Sample ID: 480-228504-3
Date Collected: 04/03/25 08:50
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 85.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	58	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Acenaphthylene	150	J	390	51	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Anthracene	140	J	390	97	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Benzo(a)anthracene	700		390	39	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Benzo(a)pyrene	810		390	58	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Benzo(b)fluoranthene	1100		390	63	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Benzo(g,h,i)perylene	610		390	42	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Benzo(k)fluoranthene	390		390	51	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Chrysene	870		390	88	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Dibenz(a,h)anthracene	180	J	390	70	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Dibenzofuran	69	J	390	46	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Fluoranthene	1600		390	42	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Fluorene	64	J	390	46	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Hexachlorobenzene	ND		390	53	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Indeno(1,2,3-cd)pyrene	540		390	49	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
m-Cresol	ND		770	60	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Naphthalene	68	J	390	51	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
1,4-Dioxane	ND		230	130	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
o-Cresol	ND		390	46	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
p-Cresol	ND		770	46	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Pentachlorophenol	ND		770	390	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Phenanthrene	1200		390	58	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Phenol	ND		390	60	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2
Pyrene	1300		390	46	ug/Kg	☼	04/08/25 06:36	04/15/25 12:15	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*102*		*26 - 143*	*04/08/25 06:36*	*04/15/25 12:15*	*2*
2-Fluorobiphenyl	*91*		*50 - 121*	*04/08/25 06:36*	*04/15/25 12:15*	*2*
2-Fluorophenol	*81*		*36 - 120*	*04/08/25 06:36*	*04/15/25 12:15*	*2*
Nitrobenzene-d5	*91*		*40 - 121*	*04/08/25 06:36*	*04/15/25 12:15*	*2*
Phenol-d5	*81*		*41 - 120*	*04/08/25 06:36*	*04/15/25 12:15*	*2*
p-Terphenyl-d14	*90*		*46 - 143*	*04/08/25 06:36*	*04/15/25 12:15*	*2*

Client Sample ID: BH-30 2-5 Feet
Lab Sample ID: 480-228504-3

Date Collected: 04/03/25 08:50
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 85.0

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.26**	**J ^5-**	0.68	0.23	mg/Kg	☼	04/07/25 14:56	04/08/25 13:00	1
Arsenic	**10.8**		2.3	1.0	mg/Kg	☼	04/07/25 14:56	04/08/25 13:00	1
Barium	**145**		0.57	0.16	mg/Kg	☼	04/07/25 14:56	04/08/25 13:00	1
Beryllium	**0.89**	**^5- B**	0.24	0.048	mg/Kg	☼	04/08/25 15:26	04/09/25 15:39	1
Cadmium	**0.17**	**J**	0.23	0.079	mg/Kg	☼	04/07/25 14:56	04/08/25 13:00	1
Chromium	**9.1**		0.57	0.41	mg/Kg	☼	04/07/25 14:56	04/08/25 13:00	1
Copper	**26.5**		1.1	0.65	mg/Kg	☼	04/07/25 14:56	04/08/25 13:00	1
Manganese	**760**		1.1	0.32	mg/Kg	☼	04/07/25 14:56	04/08/25 13:00	1
Nickel	**13.6**	**^5- B**	6.0	0.30	mg/Kg	☼	04/08/25 15:26	04/09/25 15:39	1
Lead	**181**		1.1	0.52	mg/Kg	☼	04/07/25 14:56	04/08/25 13:00	1
Selenium	ND		4.5	0.91	mg/Kg	☼	04/07/25 14:56	04/08/25 13:00	1
Zinc	**73.8**		2.3	1.2	mg/Kg	☼	04/07/25 14:56	04/08/25 13:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.89**		0.023	0.0053	mg/Kg	☼	04/09/25 08:27	04/09/25 10:05	1

Client Sample ID: BH-33 2-4 Feet
Lab Sample ID: 480-228504-6

Date Collected: 04/03/25 09:30
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 77.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		210	31	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Acenaphthylene	**36**	**J**	210	28	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Anthracene	ND		210	53	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Benzo(a)anthracene	**260**		210	21	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Benzo(a)pyrene	**250**		210	31	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Benzo(b)fluoranthene	**340**		210	34	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Benzo(g,h,i)perylene	**140**	**J**	210	23	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Benzo(k)fluoranthene	**130**	**J**	210	28	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Chrysene	**260**		210	48	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Dibenz(a,h)anthracene	**55**	**J**	210	38	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Dibenzofuran	ND		210	25	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Fluoranthene	**400**		210	23	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Fluorene	ND		210	25	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Hexachlorobenzene	ND		210	29	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Indeno(1,2,3-cd)pyrene	**130**	**J**	210	26	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
m-Cresol	ND		420	33	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Naphthalene	ND		210	28	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
1,4-Dioxane	ND		130	69	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
o-Cresol	ND		210	25	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
p-Cresol	ND		420	25	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Pentachlorophenol	ND		420	210	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Phenanthrene	**160**	**J**	210	31	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Phenol	ND		210	33	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1
Pyrene	**330**		210	25	ug/Kg	☼	04/08/25 06:36	04/09/25 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*106*		*26 - 143*	*04/08/25 06:36*	*04/09/25 20:20*	*1*

Client Sample ID: BH-33 2-4 Feet
Lab Sample ID: 480-228504-6

Date Collected: 04/03/25 09:30
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 77.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*50 - 121*	*04/08/25 06:36*	*04/09/25 20:20*	*1*
2-Fluorophenol	*70*		*36 - 120*	*04/08/25 06:36*	*04/09/25 20:20*	*1*
Nitrobenzene-d5	*80*		*40 - 121*	*04/08/25 06:36*	*04/09/25 20:20*	*1*
Phenol-d5	*72*		*41 - 120*	*04/08/25 06:36*	*04/09/25 20:20*	*1*
p-Terphenyl-d14	*87*		*46 - 143*	*04/08/25 06:36*	*04/09/25 20:20*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.41**	**J ^5-**	0.81	0.27	mg/Kg	☼	04/07/25 14:56	04/08/25 13:02	1
Arsenic	**13.0**		2.7	1.2	mg/Kg	☼	04/07/25 14:56	04/08/25 13:02	1
Barium	**204**		0.67	0.19	mg/Kg	☼	04/07/25 14:56	04/08/25 13:02	1
Beryllium	**1.2**	**^5- B**	0.27	0.054	mg/Kg	☼	04/08/25 15:26	04/09/25 15:41	1
Cadmium	**0.35**		0.27	0.094	mg/Kg	☼	04/07/25 14:56	04/08/25 13:02	1
Chromium	**10.1**		0.67	0.48	mg/Kg	☼	04/07/25 14:56	04/08/25 13:02	1
Copper	**47.1**		1.3	0.76	mg/Kg	☼	04/07/25 14:56	04/08/25 13:02	1
Manganese	**665**		1.3	0.38	mg/Kg	☼	04/07/25 14:56	04/08/25 13:02	1
Nickel	**3.7**	**J ^5- B**	6.8	0.34	mg/Kg	☼	04/08/25 15:26	04/09/25 15:41	1
Lead	**356**		1.3	0.62	mg/Kg	☼	04/07/25 14:56	04/08/25 13:02	1
Selenium	**1.2**	**J**	5.4	1.1	mg/Kg	☼	04/07/25 14:56	04/08/25 13:02	1
Zinc	**194**		2.7	1.4	mg/Kg	☼	04/07/25 14:56	04/08/25 13:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.24**		0.026	0.0059	mg/Kg	☼	04/09/25 08:27	04/09/25 10:06	1

Client Sample ID: BH-34 1-3 Feet
Lab Sample ID: 480-228504-7

Date Collected: 04/03/25 09:47
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 73.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		460	67	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Acenaphthylene	**220**	**J**	460	59	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Anthracene	**140**	**J**	460	110	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Benzo(a)anthracene	**470**		460	46	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Benzo(a)pyrene	**550**		460	67	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Benzo(b)fluoranthene	**880**		460	72	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Benzo(g,h,i)perylene	**480**		460	48	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Benzo(k)fluoranthene	**340**	**J**	460	59	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Chrysene	**660**		460	100	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Dibenz(a,h)anthracene	**140**	**J**	460	80	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Dibenzofuran	ND		460	54	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Fluoranthene	**1400**		460	48	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Fluorene	ND		460	54	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Hexachlorobenzene	ND		460	62	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Indeno(1,2,3-cd)pyrene	**390**	**J**	460	56	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
m-Cresol	ND		880	70	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Naphthalene	ND		460	59	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
1,4-Dioxane	ND		270	150	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
o-Cresol	ND		460	54	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2

Client Sample ID: BH-34 1-3 Feet
Lab Sample ID: 480-228504-7
Date Collected: 04/03/25 09:47
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 73.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Cresol	ND		880	54	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Pentachlorophenol	ND		880	460	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Phenanthrene	**900**		460	67	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Phenol	ND		460	70	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2
Pyrene	**1100**		460	54	ug/Kg	☼	04/08/25 06:36	04/15/25 12:42	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*78*		*26 - 143*	*04/08/25 06:36*	*04/15/25 12:42*	*2*
2-Fluorobiphenyl	*72*		*50 - 121*	*04/08/25 06:36*	*04/15/25 12:42*	*2*
2-Fluorophenol	*68*		*36 - 120*	*04/08/25 06:36*	*04/15/25 12:42*	*2*
Nitrobenzene-d5	*71*		*40 - 121*	*04/08/25 06:36*	*04/15/25 12:42*	*2*
Phenol-d5	*69*		*41 - 120*	*04/08/25 06:36*	*04/15/25 12:42*	*2*
p-Terphenyl-d14	*71*		*46 - 143*	*04/08/25 06:36*	*04/15/25 12:42*	*2*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.80**	**J ^5-**	0.83	0.28	mg/Kg	☼	04/07/25 14:56	04/08/25 13:04	1
Arsenic	**17.3**		2.8	1.2	mg/Kg	☼	04/07/25 14:56	04/08/25 13:04	1
Barium	**840**		0.69	0.19	mg/Kg	☼	04/07/25 14:56	04/08/25 13:04	1
Beryllium	**0.90**	**^5- B**	0.28	0.056	mg/Kg	☼	04/08/25 15:26	04/09/25 15:52	1
Cadmium	**1.5**		0.28	0.097	mg/Kg	☼	04/07/25 14:56	04/08/25 13:04	1
Chromium	**25.7**		0.69	0.50	mg/Kg	☼	04/07/25 14:56	04/08/25 13:04	1
Copper	**109**		1.4	0.79	mg/Kg	☼	04/07/25 14:56	04/08/25 13:04	1
Manganese	**642**		1.4	0.39	mg/Kg	☼	04/07/25 14:56	04/08/25 13:04	1
Nickel	**20.8**	**^5- B**	7.1	0.35	mg/Kg	☼	04/08/25 15:26	04/09/25 15:52	1
Lead	**740**		1.4	0.64	mg/Kg	☼	04/07/25 14:56	04/08/25 13:04	1
Selenium	ND		5.5	1.1	mg/Kg	☼	04/07/25 14:56	04/08/25 13:04	1
Zinc	**490**		2.8	1.4	mg/Kg	☼	04/07/25 14:56	04/08/25 13:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.60**		0.027	0.0062	mg/Kg	☼	04/09/25 08:27	04/09/25 10:07	1

Client Sample ID: BH-36 2-4 Feet
Lab Sample ID: 480-228504-8
Date Collected: 04/03/25 10:00
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 85.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**60**	**J**	390	57	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Acenaphthylene	**420**		390	51	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Anthracene	**350**	**J**	390	97	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Benzo(a)anthracene	**970**		390	39	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Benzo(a)pyrene	**1300**		390	57	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Benzo(b)fluoranthene	**1300**		390	62	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Benzo(g,h,i)perylene	**1000**		390	41	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Benzo(k)fluoranthene	**630**		390	51	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Chrysene	**1200**		390	87	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Dibenz(a,h)anthracene	**260**	**J**	390	69	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Dibenzofuran	**58**	**J**	390	46	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Fluoranthene	**2100**		390	41	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2

Client Sample ID: BH-36 2-4 Feet
Lab Sample ID: 480-228504-8
Date Collected: 04/03/25 10:00
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 85.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	**170**	**J**	390	46	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Hexachlorobenzene	ND		390	53	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Indeno(1,2,3-cd)pyrene	**760**		390	48	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
m-Cresol	ND		760	60	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Naphthalene	**98**	**J**	390	51	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
1,4-Dioxane	ND		230	130	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
o-Cresol	ND		390	46	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
p-Cresol	ND		760	46	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Pentachlorophenol	ND		760	390	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Phenanthrene	**1900**		390	57	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Phenol	ND		390	60	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2
Pyrene	**2500**		390	46	ug/Kg	☼	04/08/25 06:36	04/15/25 13:08	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*98*		*26 - 143*	*04/08/25 06:36*	*04/15/25 13:08*	*2*
2-Fluorobiphenyl	*85*		*50 - 121*	*04/08/25 06:36*	*04/15/25 13:08*	*2*
2-Fluorophenol	*81*		*36 - 120*	*04/08/25 06:36*	*04/15/25 13:08*	*2*
Nitrobenzene-d5	*79*		*40 - 121*	*04/08/25 06:36*	*04/15/25 13:08*	*2*
Phenol-d5	*85*		*41 - 120*	*04/08/25 06:36*	*04/15/25 13:08*	*2*
p-Terphenyl-d14	*90*		*46 - 143*	*04/08/25 06:36*	*04/15/25 13:08*	*2*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.30**	**J ^5-**	0.68	0.23	mg/Kg	☼	04/07/25 14:56	04/08/25 13:06	1
Arsenic	**8.2**		2.3	1.0	mg/Kg	☼	04/07/25 14:56	04/08/25 13:06	1
Barium	**127**		0.57	0.16	mg/Kg	☼	04/07/25 14:56	04/08/25 13:06	1
Beryllium	**0.81**	**^5- B**	0.23	0.047	mg/Kg	☼	04/08/25 15:26	04/09/25 15:54	1
Cadmium	**0.24**		0.23	0.080	mg/Kg	☼	04/07/25 14:56	04/08/25 13:06	1
Chromium	**13.4**		0.57	0.41	mg/Kg	☼	04/07/25 14:56	04/08/25 13:06	1
Copper	**29.2**		1.1	0.65	mg/Kg	☼	04/07/25 14:56	04/08/25 13:06	1
Manganese	**691**		1.1	0.32	mg/Kg	☼	04/07/25 14:56	04/08/25 13:06	1
Nickel	**16.3**	**^5- B**	5.8	0.29	mg/Kg	☼	04/08/25 15:26	04/09/25 15:54	1
Lead	**112**		1.1	0.52	mg/Kg	☼	04/07/25 14:56	04/08/25 13:06	1
Selenium	ND		4.5	0.91	mg/Kg	☼	04/07/25 14:56	04/08/25 13:06	1
Zinc	**107**		2.3	1.2	mg/Kg	☼	04/07/25 14:56	04/08/25 13:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.52**		0.024	0.0056	mg/Kg	☼	04/09/25 08:27	04/09/25 10:09	1

Client Sample ID: BH-37 2-4 Feet
Lab Sample ID: 480-228504-9
Date Collected: 04/03/25 10:30
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 79.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		430	63	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Acenaphthylene	ND		430	56	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Anthracene	ND		430	110	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Benzo(a)anthracene	**250**	**J**	430	43	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Benzo(a)pyrene	**270**	**J**	430	63	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2

Client Sample ID: BH-37 2-4 Feet
Lab Sample ID: 480-228504-9

Date Collected: 04/03/25 10:30
Matrix: Solid

Date Received: 04/05/25 10:30
Percent Solids: 79.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(b)fluoranthene	**360**	**J**	430	68	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Benzo(g,h,i)perylene	**130**	**J**	430	45	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Benzo(k)fluoranthene	**160**	**J**	430	56	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Chrysene	**280**	**J**	430	96	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Dibenz(a,h)anthracene	ND		430	76	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Dibenzofuran	ND		430	51	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Fluoranthene	**410**	**J**	430	45	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Fluorene	ND		430	51	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Hexachlorobenzene	ND		430	58	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Indeno(1,2,3-cd)pyrene	**120**	**J**	430	53	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
m-Cresol	ND		830	66	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Naphthalene	ND		430	56	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
1,4-Dioxane	ND		250	140	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
o-Cresol	ND		430	51	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
p-Cresol	ND		830	51	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Pentachlorophenol	ND		830	430	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Phenanthrene	**130**	**J**	430	63	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Phenol	ND		430	66	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2
Pyrene	**330**	**J**	430	51	ug/Kg	☼	04/08/25 06:36	04/15/25 13:35	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*97*		*26 - 143*	*04/08/25 06:36*	*04/15/25 13:35*	*2*
2-Fluorobiphenyl	*82*		*50 - 121*	*04/08/25 06:36*	*04/15/25 13:35*	*2*
2-Fluorophenol	*83*		*36 - 120*	*04/08/25 06:36*	*04/15/25 13:35*	*2*
Nitrobenzene-d5	*79*		*40 - 121*	*04/08/25 06:36*	*04/15/25 13:35*	*2*
Phenol-d5	*78*		*41 - 120*	*04/08/25 06:36*	*04/15/25 13:35*	*2*
p-Terphenyl-d14	*79*		*46 - 143*	*04/08/25 06:36*	*04/15/25 13:35*	*2*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	^5-	0.79	0.26	mg/Kg	☼	04/08/25 15:26	04/09/25 11:55	1
Arsenic	**12.7**		2.6	1.2	mg/Kg	☼	04/08/25 15:26	04/09/25 11:55	1
Barium	**163**		0.66	0.18	mg/Kg	☼	04/08/25 15:26	04/09/25 11:55	1
Beryllium	**1.2**	**^5- B**	0.26	0.053	mg/Kg	☼	04/08/25 15:26	04/09/25 11:55	1
Cadmium	**0.54**		0.26	0.092	mg/Kg	☼	04/08/25 15:26	04/09/25 11:55	1
Chromium	**13.8**	**^5-**	0.66	0.48	mg/Kg	☼	04/08/25 15:26	04/09/25 11:55	1
Copper	**35.0**		1.3	0.75	mg/Kg	☼	04/08/25 15:26	04/09/25 11:55	1
Manganese	**455**	**B F1**	1.3	0.37	mg/Kg	☼	04/08/25 15:26	04/09/25 11:55	1
Nickel	**16.1**	**^5-**	6.6	0.33	mg/Kg	☼	04/08/25 15:26	04/09/25 11:55	1
Lead	**744**	**F2**	1.3	0.61	mg/Kg	☼	04/08/25 15:26	04/09/25 11:55	1
Selenium	ND	F1	5.3	1.1	mg/Kg	☼	04/08/25 15:26	04/09/25 11:55	1
Zinc	**254**	**^5- F1**	2.6	1.3	mg/Kg	☼	04/08/25 15:26	04/09/25 11:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.74**	**F1 F2**	0.025	0.0057	mg/Kg	☼	04/11/25 08:20	04/11/25 09:55	1

Surrogate Summary

Client: Niagara Engineering, DPC
Project/Site: Montgomery Street - Soil Project

Job ID: 480-228504-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPHd14		
Lab Sample ID	Client Sample ID	(26-143)	(50-121)	(36-120)	(40-121)	(41-120)	(46-143)		
480-228504-1	BH-27 3-6 Feet	103	87	79	83	82	90		
480-228504-2	BH-29 2-5 Feet	60	88	70	89	82	94		
480-228504-3	BH-30 2-5 Feet	102	91	81	91	81	90		
480-228504-6	BH-33 2-4 Feet	106	80	70	80	72	87		
480-228504-7	BH-34 1-3 Feet	78	72	68	71	69	71		
480-228504-8	BH-36 2-4 Feet	98	85	81	79	85	90		
480-228504-9	BH-37 2-4 Feet	97	82	83	79	78	79		
LCS 480-742947/2-A	Lab Control Sample	124	101	87	93	95	102		
MB 480-742947/1-A	Method Blank	102	93	85	88	91	100		

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-742947/1-A
Matrix: Solid
Analysis Batch: 743070

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 742947

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170	25	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Acenaphthylene	ND		170	22	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Anthracene	ND		170	42	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Benzo(a)anthracene	ND		170	17	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Benzo(a)pyrene	ND		170	25	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Benzo(b)fluoranthene	ND		170	27	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Benzo(g,h,i)perylene	ND		170	18	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Benzo(k)fluoranthene	ND		170	22	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Chrysene	ND		170	38	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Dibenz(a,h)anthracene	ND		170	30	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Dibenzofuran	ND		170	20	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Fluoranthene	ND		170	18	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Fluorene	ND		170	20	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Hexachlorobenzene	ND		170	23	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Indeno(1,2,3-cd)pyrene	ND		170	21	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
m-Cresol	ND		330	26	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Naphthalene	ND		170	22	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
1,4-Dioxane	ND		100	55	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
o-Cresol	ND		170	20	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
p-Cresol	ND		330	20	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Pentachlorophenol	ND		330	170	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Phenanthrene	ND		170	25	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Phenol	ND		170	26	ug/Kg		04/08/25 06:36	04/09/25 11:52	1
Pyrene	ND		170	20	ug/Kg		04/08/25 06:36	04/09/25 11:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*102*		*26 - 143*	*04/08/25 06:36*	*04/09/25 11:52*	*1*
2-Fluorobiphenyl	*93*		*50 - 121*	*04/08/25 06:36*	*04/09/25 11:52*	*1*
2-Fluorophenol	*85*		*36 - 120*	*04/08/25 06:36*	*04/09/25 11:52*	*1*
Nitrobenzene-d5	*88*		*40 - 121*	*04/08/25 06:36*	*04/09/25 11:52*	*1*
Phenol-d5	*91*		*41 - 120*	*04/08/25 06:36*	*04/09/25 11:52*	*1*
p-Terphenyl-d14	*100*		*46 - 143*	*04/08/25 06:36*	*04/09/25 11:52*	*1*

Lab Sample ID: LCS 480-742947/2-A
Matrix: Solid
Analysis Batch: 743070

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 742947

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1330	1260		ug/Kg		95	62 - 120
Acenaphthylene	1330	1330		ug/Kg		100	58 - 121
Anthracene	1330	1320		ug/Kg		99	62 - 120
Benzo(a)anthracene	1330	1310		ug/Kg		98	65 - 120
Benzo(a)pyrene	1330	1400		ug/Kg		105	64 - 120
Benzo(b)fluoranthene	1330	1350		ug/Kg		101	64 - 120
Benzo(g,h,i)perylene	1330	1310		ug/Kg		98	45 - 145
Benzo(k)fluoranthene	1330	1340		ug/Kg		101	65 - 120
Chrysene	1330	1280		ug/Kg		96	64 - 120
Dibenz(a,h)anthracene	1330	1360		ug/Kg		102	54 - 132

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-742947/2-A
Matrix: Solid
Analysis Batch: 743070

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 742947

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenzofuran	1330	1310		ug/Kg		98	63 - 120
Fluoranthene	1330	1370		ug/Kg		103	62 - 120
Fluorene	1330	1330		ug/Kg		100	63 - 120
Hexachlorobenzene	1330	1440		ug/Kg		108	60 - 120
Indeno(1,2,3-cd)pyrene	1330	1320		ug/Kg		99	56 - 134
Naphthalene	1330	1160		ug/Kg		87	55 - 120
1,4-Dioxane	1330	684		ug/Kg		51	23 - 120
o-Cresol	1330	1200		ug/Kg		90	54 - 120
p-Cresol	1330	1230		ug/Kg		92	55 - 120
Pentachlorophenol	2670	2970		ug/Kg		111	10 - 120
Phenanthrene	1330	1310		ug/Kg		98	60 - 120
Phenol	1330	1220		ug/Kg		91	53 - 120
Pyrene	1330	1310		ug/Kg		99	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*124*		*26 - 143*
2-Fluorobiphenyl	*101*		*50 - 121*
2-Fluorophenol	*87*		*36 - 120*
Nitrobenzene-d5	*93*		*40 - 121*
Phenol-d5	*95*		*41 - 120*
p-Terphenyl-d14	*102*		*46 - 143*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-742837/1-A
Matrix: Solid
Analysis Batch: 743017

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 742837

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	^5-	0.59	0.20	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Arsenic	ND		2.0	0.87	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Barium	ND		0.49	0.14	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Cadmium	ND		0.20	0.069	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Chromium	ND		0.49	0.36	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Copper	ND		0.99	0.56	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Manganese	ND		0.99	0.28	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Lead	ND		0.99	0.45	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Selenium	ND		3.9	0.79	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Zinc	ND		2.0	1.0	mg/Kg		04/07/25 14:56	04/08/25 12:09	1

Lab Sample ID: LCDSRM 480-742837/3-A
Matrix: Solid
Analysis Batch: 743017

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 742837

Analyte	Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	59.9	52.40		mg/Kg		87.5	72.8 - 110.7	7	20
Arsenic	181	143.9		mg/Kg		79.5	66.3 - 97.8	7	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCDSRM 480-742837/3-A
Matrix: Solid
Analysis Batch: 743017

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 742837

Analyte	Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	211	187.4		mg/Kg		88.8	73.9 - 107.1	17	20
Cadmium	221	180.9		mg/Kg		81.9	70.6 - 101.8	12	20
Chromium	149	139.1		mg/Kg		93.3	71.8 - 105.4	9	20
Copper	264	236.4		mg/Kg		89.6	73.5 - 104.2	9	20
Manganese	270	251.8		mg/Kg		93.2	73.0 - 107.8	3	20
Lead	106	102.3		mg/Kg		96.6	76.1 - 109.4	5	20
Selenium	139	118.2		mg/Kg		85.0	70.0 - 107.9	8	20
Zinc	398	347.8		mg/Kg		87.4	68.8 - 104.5	10	20

Lab Sample ID: LCSSRM 480-742837/2-A
Matrix: Solid
Analysis Batch: 743017

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 742837

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Silver	59.9	56.47		mg/Kg		94.3	72.8 - 110.7
Arsenic	181	154.8		mg/Kg		85.5	66.3 - 97.8
Barium	211	221.2		mg/Kg		104.8	73.9 - 107.1
Cadmium	221	204.0		mg/Kg		92.3	70.6 - 101.8
Chromium	149	152.8		mg/Kg		102.5	71.8 - 105.4
Copper	264	258.4		mg/Kg		97.9	73.5 - 104.2
Manganese	270	259.9		mg/Kg		96.2	73.0 - 107.8
Lead	106	107.3		mg/Kg		101.2	76.1 - 109.4
Selenium	139	127.9		mg/Kg		92.0	70.0 - 107.9
Zinc	398	385.4		mg/Kg		96.8	68.8 - 104.5

Lab Sample ID: MB 480-742976/1-A
Matrix: Solid
Analysis Batch: 743177

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 742976

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.0411	J ^5-	0.19	0.039	mg/Kg		04/08/25 15:26	04/09/25 15:25	1
Nickel	0.242	J ^5-	4.8	0.24	mg/Kg		04/08/25 15:26	04/09/25 15:25	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-742976/2-A
Matrix: Solid
Analysis Batch: 743177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 742976

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Beryllium			270	220.2		mg/Kg		81.6	73.0 - 104.4		
Nickel			177	146.1		mg/Kg		82.5	71.8 - 103.4		

Lab Sample ID: 480-228504-9 MS
Matrix: Solid
Analysis Batch: 743165

Client Sample ID: BH-37 2-4 Feet
Prep Type: Total/NA
Prep Batch: 742976

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Silver	ND	^5-	12.9	10.59	^5-	mg/Kg	☼	82	75 - 125		
Arsenic	12.7		259	219.9		mg/Kg	☼	80	75 - 125		
Barium	163		259	454.0		mg/Kg	☼	113	75 - 125		
Beryllium	1.2	^5- B	128	106.4	^5-	mg/Kg	☼	82	75 - 125		
Cadmium	0.54		129	99.88		mg/Kg	☼	77	75 - 125		
Chromium	13.8	^5-	129	122.8	^5-	mg/Kg	☼	84	75 - 125		
Copper	35.0		129	165.9		mg/Kg	☼	101	75 - 125		
Manganese	455	B F1	129	543.1	F1	mg/Kg	☼	68	75 - 125		
Nickel	16.1	^5-	129	120.6	^5-	mg/Kg	☼	81	75 - 125		
Lead	744	F2	129	1848	4	mg/Kg	☼	853	75 - 125		
Selenium	ND	F1	259	186.1	F1	mg/Kg	☼	72	75 - 125		
Zinc	254	^5- F1	129	420.7	^5- F1	mg/Kg	☼	129	75 - 125		

Lab Sample ID: 480-228504-9 MSD
Matrix: Solid
Analysis Batch: 743165

Client Sample ID: BH-37 2-4 Feet
Prep Type: Total/NA
Prep Batch: 742976

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	ND	^5-	12.6	10.47	^5-	mg/Kg	☼	83	75 - 125	1	20
Arsenic	12.7		251	216.9		mg/Kg	☼	81	75 - 125	1	20
Barium	163		251	441.1		mg/Kg	☼	111	75 - 125	3	20
Beryllium	1.2	^5- B	125	104.9	^5-	mg/Kg	☼	83	75 - 125	1	20
Cadmium	0.54		126	99.20		mg/Kg	☼	79	75 - 125	1	20
Chromium	13.8	^5-	126	125.2	^5-	mg/Kg	☼	89	75 - 125	2	20
Copper	35.0		126	159.7		mg/Kg	☼	99	75 - 125	4	20
Manganese	455	B F1	126	559.2		mg/Kg	☼	83	75 - 125	3	20
Nickel	16.1	^5-	126	119.1	^5-	mg/Kg	☼	82	75 - 125	1	20
Lead	744	F2	126	549.7	4 F2	mg/Kg	☼	-155	75 - 125	108	20
Selenium	ND	F1	251	189.1		mg/Kg	☼	75	75 - 125	2	20
Zinc	254	^5- F1	126	474.9	^5- F1	mg/Kg	☼	176	75 - 125	12	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-743063/1-A
Matrix: Solid
Analysis Batch: 743117

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 743063

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0047	mg/Kg		04/09/25 08:27	04/09/25 09:49	1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCSSRM 480-743063/2-A ^10
Matrix: Solid
Analysis Batch: 743117

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 743063

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			24.0	18.65		mg/Kg		77.7	55.8 - 109.6		

Lab Sample ID: 480-228504-9 MSD
Matrix: Solid
Analysis Batch: 743373

Client Sample ID: BH-37 2-4 Feet
Prep Type: Total/NA
Prep Batch: 743324

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.74	F1 F2	0.892	4.93	F1 F2	mg/Kg	☼	469	80 - 120	133	20

QC Association Summary

Client: Niagara Engineering, DPC
Project/Site: Montgomery Street - Soil Project

Job ID: 480-228504-1

GC/MS Semi VOA

Prep Batch: 742947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-1	BH-27 3-6 Feet	Total/NA	Solid	3550C	
480-228504-2	BH-29 2-5 Feet	Total/NA	Solid	3550C	
480-228504-3	BH-30 2-5 Feet	Total/NA	Solid	3550C	
480-228504-6	BH-33 2-4 Feet	Total/NA	Solid	3550C	
480-228504-7	BH-34 1-3 Feet	Total/NA	Solid	3550C	
480-228504-8	BH-36 2-4 Feet	Total/NA	Solid	3550C	
480-228504-9	BH-37 2-4 Feet	Total/NA	Solid	3550C	
MB 480-742947/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-742947/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 743070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-2	BH-29 2-5 Feet	Total/NA	Solid	8270D	742947
480-228504-6	BH-33 2-4 Feet	Total/NA	Solid	8270D	742947
MB 480-742947/1-A	Method Blank	Total/NA	Solid	8270D	742947
LCS 480-742947/2-A	Lab Control Sample	Total/NA	Solid	8270D	742947

Analysis Batch: 743590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-1	BH-27 3-6 Feet	Total/NA	Solid	8270D	742947
480-228504-3	BH-30 2-5 Feet	Total/NA	Solid	8270D	742947
480-228504-7	BH-34 1-3 Feet	Total/NA	Solid	8270D	742947
480-228504-8	BH-36 2-4 Feet	Total/NA	Solid	8270D	742947
480-228504-9	BH-37 2-4 Feet	Total/NA	Solid	8270D	742947

Metals

Prep Batch: 742837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-1	BH-27 3-6 Feet	Total/NA	Solid	3050B	
480-228504-2	BH-29 2-5 Feet	Total/NA	Solid	3050B	
480-228504-3	BH-30 2-5 Feet	Total/NA	Solid	3050B	
480-228504-6	BH-33 2-4 Feet	Total/NA	Solid	3050B	
480-228504-7	BH-34 1-3 Feet	Total/NA	Solid	3050B	
480-228504-8	BH-36 2-4 Feet	Total/NA	Solid	3050B	
MB 480-742837/1-A	Method Blank	Total/NA	Solid	3050B	
LCDSRM 480-742837/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 480-742837/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 742976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-1	BH-27 3-6 Feet	Total/NA	Solid	3050B	
480-228504-2	BH-29 2-5 Feet	Total/NA	Solid	3050B	
480-228504-3	BH-30 2-5 Feet	Total/NA	Solid	3050B	
480-228504-6	BH-33 2-4 Feet	Total/NA	Solid	3050B	
480-228504-7	BH-34 1-3 Feet	Total/NA	Solid	3050B	
480-228504-8	BH-36 2-4 Feet	Total/NA	Solid	3050B	
480-228504-9	BH-37 2-4 Feet	Total/NA	Solid	3050B	
MB 480-742976/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-742976/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-228504-9 MS	BH-37 2-4 Feet	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 742976 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-9 MSD	BH-37 2-4 Feet	Total/NA	Solid	3050B	

Analysis Batch: 743017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-1	BH-27 3-6 Feet	Total/NA	Solid	6010D	742837
480-228504-2	BH-29 2-5 Feet	Total/NA	Solid	6010D	742837
480-228504-3	BH-30 2-5 Feet	Total/NA	Solid	6010D	742837
480-228504-6	BH-33 2-4 Feet	Total/NA	Solid	6010D	742837
480-228504-7	BH-34 1-3 Feet	Total/NA	Solid	6010D	742837
480-228504-8	BH-36 2-4 Feet	Total/NA	Solid	6010D	742837
MB 480-742837/1-A	Method Blank	Total/NA	Solid	6010D	742837
LCDSRM 480-742837/3-A	Lab Control Sample Dup	Total/NA	Solid	6010D	742837
LCSSRM 480-742837/2-A	Lab Control Sample	Total/NA	Solid	6010D	742837

Prep Batch: 743063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-1	BH-27 3-6 Feet	Total/NA	Solid	7471B	
480-228504-2	BH-29 2-5 Feet	Total/NA	Solid	7471B	
480-228504-3	BH-30 2-5 Feet	Total/NA	Solid	7471B	
480-228504-6	BH-33 2-4 Feet	Total/NA	Solid	7471B	
480-228504-7	BH-34 1-3 Feet	Total/NA	Solid	7471B	
480-228504-8	BH-36 2-4 Feet	Total/NA	Solid	7471B	
MB 480-743063/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-743063/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 743117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-1	BH-27 3-6 Feet	Total/NA	Solid	7471B	743063
480-228504-2	BH-29 2-5 Feet	Total/NA	Solid	7471B	743063
480-228504-3	BH-30 2-5 Feet	Total/NA	Solid	7471B	743063
480-228504-6	BH-33 2-4 Feet	Total/NA	Solid	7471B	743063
480-228504-7	BH-34 1-3 Feet	Total/NA	Solid	7471B	743063
480-228504-8	BH-36 2-4 Feet	Total/NA	Solid	7471B	743063
MB 480-743063/1-A	Method Blank	Total/NA	Solid	7471B	743063
LCSSRM 480-743063/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	743063

Analysis Batch: 743165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-9	BH-37 2-4 Feet	Total/NA	Solid	6010D	742976
480-228504-9 MS	BH-37 2-4 Feet	Total/NA	Solid	6010D	742976
480-228504-9 MSD	BH-37 2-4 Feet	Total/NA	Solid	6010D	742976

Analysis Batch: 743177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-1	BH-27 3-6 Feet	Total/NA	Solid	6010D	742976
480-228504-2	BH-29 2-5 Feet	Total/NA	Solid	6010D	742976
480-228504-3	BH-30 2-5 Feet	Total/NA	Solid	6010D	742976
480-228504-6	BH-33 2-4 Feet	Total/NA	Solid	6010D	742976
480-228504-7	BH-34 1-3 Feet	Total/NA	Solid	6010D	742976
480-228504-8	BH-36 2-4 Feet	Total/NA	Solid	6010D	742976
MB 480-742976/1-A	Method Blank	Total/NA	Solid	6010D	742976

Metals (Continued)

Analysis Batch: 743177 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 480-742976/2-A	Lab Control Sample	Total/NA	Solid	6010D	742976

Prep Batch: 743324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-9	BH-37 2-4 Feet	Total/NA	Solid	7471B	
480-228504-9 MSD	BH-37 2-4 Feet	Total/NA	Solid	7471B	

Analysis Batch: 743373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-9	BH-37 2-4 Feet	Total/NA	Solid	7471B	743324
480-228504-9 MSD	BH-37 2-4 Feet	Total/NA	Solid	7471B	743324

General Chemistry

Analysis Batch: 742913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-1	BH-27 3-6 Feet	Total/NA	Solid	Moisture	
480-228504-2	BH-29 2-5 Feet	Total/NA	Solid	Moisture	
480-228504-3	BH-30 2-5 Feet	Total/NA	Solid	Moisture	
480-228504-6	BH-33 2-4 Feet	Total/NA	Solid	Moisture	
480-228504-7	BH-34 1-3 Feet	Total/NA	Solid	Moisture	
480-228504-8	BH-36 2-4 Feet	Total/NA	Solid	Moisture	
480-228504-9	BH-37 2-4 Feet	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Niagara Engineering, DPC
Job ID: 480-228504-1
Project/Site: Montgomery Street - Soil Project

Client Sample ID: BH-27 3-6 Feet
Lab Sample ID: 480-228504-1
Date Collected: 04/03/25 08:10
Matrix: Solid
Date Received: 04/05/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742913	JLS	EET BUF	04/07/25 14:23

Client Sample ID: BH-27 3-6 Feet
Lab Sample ID: 480-228504-1
Date Collected: 04/03/25 08:10
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 71.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			742947	DP	EET BUF	04/08/25 06:36
Total/NA	Analysis	8270D		2	743590	JMM	EET BUF	04/15/25 11:48
Total/NA	Prep	3050B			742837	EMO	EET BUF	04/07/25 14:56
Total/NA	Analysis	6010D		1	743017	BMB	EET BUF	04/08/25 12:48
Total/NA	Prep	3050B			742976	ET	EET BUF	04/08/25 15:26
Total/NA	Analysis	6010D		1	743177	BMB	EET BUF	04/09/25 15:35
Total/NA	Prep	7471B			743063	ESB	EET BUF	04/09/25 08:27
Total/NA	Analysis	7471B		1	743117	ESB	EET BUF	04/09/25 10:00

Client Sample ID: BH-29 2-5 Feet
Lab Sample ID: 480-228504-2
Date Collected: 04/03/25 08:20
Matrix: Solid
Date Received: 04/05/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742913	JLS	EET BUF	04/07/25 14:23

Client Sample ID: BH-29 2-5 Feet
Lab Sample ID: 480-228504-2
Date Collected: 04/03/25 08:20
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 71.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			742947	DP	EET BUF	04/08/25 06:36
Total/NA	Analysis	8270D		1	743070	JMM	EET BUF	04/09/25 19:28
Total/NA	Prep	3050B			742837	EMO	EET BUF	04/07/25 14:56
Total/NA	Analysis	6010D		1	743017	BMB	EET BUF	04/08/25 12:50
Total/NA	Prep	3050B			742976	ET	EET BUF	04/08/25 15:26
Total/NA	Analysis	6010D		1	743177	BMB	EET BUF	04/09/25 15:37
Total/NA	Prep	7471B			743063	ESB	EET BUF	04/09/25 08:27
Total/NA	Analysis	7471B		1	743117	ESB	EET BUF	04/09/25 10:01

Client Sample ID: BH-30 2-5 Feet
Lab Sample ID: 480-228504-3
Date Collected: 04/03/25 08:50
Matrix: Solid
Date Received: 04/05/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742913	JLS	EET BUF	04/07/25 14:23

Lab Chronicle

Client: Niagara Engineering, DPC
Project/Site: Montgomery Street - Soil Project

Job ID: 480-228504-1

Client Sample ID: BH-30 2-5 Feet
Lab Sample ID: 480-228504-3
Date Collected: 04/03/25 08:50
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			742947	DP	EET BUF	04/08/25 06:36
Total/NA	Analysis	8270D		2	743590	JMM	EET BUF	04/15/25 12:15
Total/NA	Prep	3050B			742837	EMO	EET BUF	04/07/25 14:56
Total/NA	Analysis	6010D		1	743017	BMB	EET BUF	04/08/25 13:00
Total/NA	Prep	3050B			742976	ET	EET BUF	04/08/25 15:26
Total/NA	Analysis	6010D		1	743177	BMB	EET BUF	04/09/25 15:39
Total/NA	Prep	7471B			743063	ESB	EET BUF	04/09/25 08:27
Total/NA	Analysis	7471B		1	743117	ESB	EET BUF	04/09/25 10:05

Client Sample ID: BH-33 2-4 Feet
Lab Sample ID: 480-228504-6
Date Collected: 04/03/25 09:30
Matrix: Solid
Date Received: 04/05/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742913	JLS	EET BUF	04/07/25 14:23

Client Sample ID: BH-33 2-4 Feet
Lab Sample ID: 480-228504-6
Date Collected: 04/03/25 09:30
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 77.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			742947	DP	EET BUF	04/08/25 06:36
Total/NA	Analysis	8270D		1	743070	JMM	EET BUF	04/09/25 20:20
Total/NA	Prep	3050B			742837	EMO	EET BUF	04/07/25 14:56
Total/NA	Analysis	6010D		1	743017	BMB	EET BUF	04/08/25 13:02
Total/NA	Prep	3050B			742976	ET	EET BUF	04/08/25 15:26
Total/NA	Analysis	6010D		1	743177	BMB	EET BUF	04/09/25 15:41
Total/NA	Prep	7471B			743063	ESB	EET BUF	04/09/25 08:27
Total/NA	Analysis	7471B		1	743117	ESB	EET BUF	04/09/25 10:06

Client Sample ID: BH-34 1-3 Feet
Lab Sample ID: 480-228504-7
Date Collected: 04/03/25 09:47
Matrix: Solid
Date Received: 04/05/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742913	JLS	EET BUF	04/07/25 14:23

Client Sample ID: BH-34 1-3 Feet
Lab Sample ID: 480-228504-7
Date Collected: 04/03/25 09:47
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 73.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			742947	DP	EET BUF	04/08/25 06:36
Total/NA	Analysis	8270D		2	743590	JMM	EET BUF	04/15/25 12:42
Total/NA	Prep	3050B			742837	EMO	EET BUF	04/07/25 14:56
Total/NA	Analysis	6010D		1	743017	BMB	EET BUF	04/08/25 13:04

Lab Chronicle

Client: Niagara Engineering, DPC
Project/Site: Montgomery Street - Soil Project

Job ID: 480-228504-1

Client Sample ID: BH-34 1-3 Feet
Lab Sample ID: 480-228504-7
Date Collected: 04/03/25 09:47
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 73.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			742976	ET	EET BUF	04/08/25 15:26
Total/NA	Analysis	6010D		1	743177	BMB	EET BUF	04/09/25 15:52
Total/NA	Prep	7471B			743063	ESB	EET BUF	04/09/25 08:27
Total/NA	Analysis	7471B		1	743117	ESB	EET BUF	04/09/25 10:07

Client Sample ID: BH-36 2-4 Feet
Lab Sample ID: 480-228504-8
Date Collected: 04/03/25 10:00
Matrix: Solid
Date Received: 04/05/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742913	JLS	EET BUF	04/07/25 14:23

Client Sample ID: BH-36 2-4 Feet
Lab Sample ID: 480-228504-8
Date Collected: 04/03/25 10:00
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			742947	DP	EET BUF	04/08/25 06:36
Total/NA	Analysis	8270D		2	743590	JMM	EET BUF	04/15/25 13:08
Total/NA	Prep	3050B			742837	EMO	EET BUF	04/07/25 14:56
Total/NA	Analysis	6010D		1	743017	BMB	EET BUF	04/08/25 13:06
Total/NA	Prep	3050B			742976	ET	EET BUF	04/08/25 15:26
Total/NA	Analysis	6010D		1	743177	BMB	EET BUF	04/09/25 15:54
Total/NA	Prep	7471B			743063	ESB	EET BUF	04/09/25 08:27
Total/NA	Analysis	7471B		1	743117	ESB	EET BUF	04/09/25 10:09

Client Sample ID: BH-37 2-4 Feet
Lab Sample ID: 480-228504-9
Date Collected: 04/03/25 10:30
Matrix: Solid
Date Received: 04/05/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742913	JLS	EET BUF	04/07/25 14:23

Client Sample ID: BH-37 2-4 Feet
Lab Sample ID: 480-228504-9
Date Collected: 04/03/25 10:30
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			742947	DP	EET BUF	04/08/25 06:36
Total/NA	Analysis	8270D		2	743590	JMM	EET BUF	04/15/25 13:35
Total/NA	Prep	3050B			742976	ET	EET BUF	04/08/25 15:26
Total/NA	Analysis	6010D		1	743165	BMB	EET BUF	04/09/25 11:55
Total/NA	Prep	7471B			743324	ESB	EET BUF	04/11/25 08:20
Total/NA	Analysis	7471B		1	743373	ESB	EET BUF	04/11/25 09:55

Lab Chronicle

Client: Niagara Engineering, DPC
Project/Site: Montgomery Street - Soil Project

Job ID: 480-228504-1

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Niagara Engineering, DPC
Job ID: 480-228504-1
Project/Site: Montgomery Street - Soil Project

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Niagara Engineering, DPC
Job ID: 480-228504-1
Project/Site: Montgomery Street - Soil Project

Method	Method Description	Protocol	Laboratory
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010D	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
3050B	Preparation, Metals	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Niagara Engineering, DPC
Job ID: 480-228504-1
Project/Site: Montgomery Street - Soil Project

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-228504-1	BH-27 3-6 Feet	Solid	04/03/25 08:10	04/05/25 10:30
480-228504-2	BH-29 2-5 Feet	Solid	04/03/25 08:20	04/05/25 10:30
480-228504-3	BH-30 2-5 Feet	Solid	04/03/25 08:50	04/05/25 10:30
480-228504-6	BH-33 2-4 Feet	Solid	04/03/25 09:30	04/05/25 10:30
480-228504-7	BH-34 1-3 Feet	Solid	04/03/25 09:47	04/05/25 10:30
480-228504-8	BH-36 2-4 Feet	Solid	04/03/25 10:00	04/05/25 10:30
480-228504-9	BH-37 2-4 Feet	Solid	04/03/25 10:30	04/05/25 10:30

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

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Client Information
Client Contact: Mr. Peter Gorton
Company: Niagara Engineering, DPC
Address: 255 Great Arrow Avenue Suite 102
City: Buffalo
State, Zip: NY, 14207
Phone: 716-308-8220(Tel)
Email: pgorton@niagaraengg.com
Project Name: Montgomery Street - Soil Project
Site: MONTGOMERY STREET SET

Sampler: PETER J. GORTON
Phone: 716-308-8220
PWSID:
Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order Requested
WO #:
Project #: 48028639
SSOW#:

Lab PM: Beninati, John
E-Mail: John.Beninati@et.eurofinsus.com
Carrier Tracking No(s):
State of Origin:
COC No: 480-204076-41662.1
Page: Page 1 of 2
Job #:

Analysis Requested

Preservation Codes: N - None

480-228504 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D, 7471B, 8270D	Total Number of conta	Special Instructions/Note:
		Preservation Code:					N		
BH-27 3-6 Feet	4-3-25	810	G	Solid			X		
BH-29 2-5 Feet		820		Solid			X		
BH-30 2-5 Feet		850		Solid			X		
BH-31 2-3 Feet		900		Solid			X		HOLD
BH 32 2-3 Feet		915		Solid			X		HOLD
BH 33 2-4 Feet		930		Solid			X		
BH 34 1-3 Feet		947		Solid			X		
BH 36 2-4 Feet		1000		Solid			X		
BH 37 2-4 Feet		1030		Solid			X		
BH 38 2-4 Feet		1040		Solid			X		HOLD
				Solid					

Other:

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify) NORMAL NO SPECIAL

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: Time: Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Peter Gorton	4/5/25 1030	NIAGARA			
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 4/5/25 1030	Company TMD

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.0 I CE IR# SC

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Niagara Engineering, DPC

Job Number: 480-228504-1

Login Number: 228504
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0 ICE IR# SC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Niagara
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Niagara Engineering, DPC

Job Number: 480-228504-1

Login Number: 228504
List Number: 2
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Peter Gorton
Niagara Engineering, DPC
255 Great Arrow Avenue
Suite 102
Buffalo, New York 14207

Generated 4/24/2025 1:42:46 PM

JOB DESCRIPTION

Montgomery Street - Soil Project

JOB NUMBER

480-228504-2

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Narrative
480-228504-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/5/2025 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

GC/MS Semi VOA
Method 8270D: The following samples were diluted due to color, appearance, and viscosity: BH-38 2-4 Feet (480-228504-10), (480-228504-A-10-C MS) and (480-228504-A-10-D MSD). Elevated reporting limits (RL) are provided.

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-743838 and analytical batch 480-743903 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 480-743903 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: BH-38 2-4 Feet (480-228504-10), (480-228504-A-10-C MS) and (480-228504-A-10-D MSD). Elevated reporting limits (RLs) are provided.

Method 8270D: The following samples were diluted due to the abundance of target analytes: (480-228504-A-10-C MS) and (480-228504-A-10-D MSD). Because of this dilution, the surrogate spike and matrix spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270D: The following sample required a dilution due to the abundance of target analytes: BH-38 2-4 Feet (480-228504-10). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 480-743838 and analytical batch 480-743903 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-743017 is outside the acceptance criteria for the following analytes: Silver and Zinc. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

Method 6010D: The following sample was diluted due to the nature of the sample matrix: BH-38 2-4 Feet (480-228504-10). Elevated reporting limits (RLs) are provided.

Method 6010D: The linear range check (LRC) standard recovery associated with 480-743177 is outside the acceptance criteria for the following analytes: Beryllium and Nickel. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

Eurofins Buffalo

Job ID: 480-228504-2 (Continued) Eurofins Buffalo

Method 6010D: The linear range check (LRC) standard recovery associated with 480-743936 is outside the acceptance criteria for the following analytes: Silver, Nickel, and Zinc. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Niagara Engineering, DPC
Project/Site: Montgomery Street - Soil Project

Job ID: 480-228504-2

Client Sample ID: BH-31 2-3 Feet — Lab Sample ID: 480-228504-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	82	J	220	28	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)anthracene	170	J	220	22	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)pyrene	210	J	220	32	ug/Kg	1	☼	8270D	Total/NA
Benzo(b)fluoranthene	270		220	34	ug/Kg	1	☼	8270D	Total/NA
Benzo(g,h,i)perylene	210	J	220	23	ug/Kg	1	☼	8270D	Total/NA
Benzo(k)fluoranthene	120	J	220	28	ug/Kg	1	☼	8270D	Total/NA
Chrysene	210	J	220	48	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	48	J	220	38	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	310		220	23	ug/Kg	1	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	160	J	220	27	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	170	J	220	32	ug/Kg	1	☼	8270D	Total/NA
Pyrene	300		220	25	ug/Kg	1	☼	8270D	Total/NA
Arsenic	10.2	F1 F2	2.7	1.2	mg/Kg	1	☼	6010D	Total/NA
Barium	149	F1	0.67	0.19	mg/Kg	1	☼	6010D	Total/NA
Beryllium	1.5	F1 F2 B	0.27	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	5.3	F1 F2	0.67	0.49	mg/Kg	1	☼	6010D	Total/NA
Copper	10.3	F1 F2	1.3	0.77	mg/Kg	1	☼	6010D	Total/NA
Manganese	611	F2	1.3	0.38	mg/Kg	1	☼	6010D	Total/NA
Nickel	5.8	J F1 F2 ^5-	6.7	0.34	mg/Kg	1	☼	6010D	Total/NA
Lead	102	F1 F2	1.3	0.62	mg/Kg	1	☼	6010D	Total/NA
Zinc	37.8	F1 F2 ^5-	2.7	1.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.21	F1	0.027	0.0061	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH-32 2-3 Feet — Lab Sample ID: 480-228504-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	38	J	220	32	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	230		220	28	ug/Kg	1	☼	8270D	Total/NA
Anthracene	170	J	220	54	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)anthracene	710		220	22	ug/Kg	1	☼	8270D	Total/NA
Benzo(a)pyrene	860		220	32	ug/Kg	1	☼	8270D	Total/NA
Benzo(b)fluoranthene	1000		220	35	ug/Kg	1	☼	8270D	Total/NA
Benzo(g,h,i)perylene	780		220	23	ug/Kg	1	☼	8270D	Total/NA
Benzo(k)fluoranthene	540		220	28	ug/Kg	1	☼	8270D	Total/NA
Chrysene	870		220	49	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	240		220	39	ug/Kg	1	☼	8270D	Total/NA
Dibenzofuran	52	J	220	26	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	1300		220	23	ug/Kg	1	☼	8270D	Total/NA
Fluorene	59	J	220	26	ug/Kg	1	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene	660		220	27	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	86	J	220	28	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	730		220	32	ug/Kg	1	☼	8270D	Total/NA
Pyrene	1100		220	26	ug/Kg	1	☼	8270D	Total/NA
Silver	0.33	J ^5-	0.74	0.25	mg/Kg	1	☼	6010D	Total/NA
Arsenic	9.7		2.5	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	243		0.61	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	2.2	B	0.25	0.049	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.60		0.25	0.086	mg/Kg	1	☼	6010D	Total/NA
Chromium	11.5		0.61	0.44	mg/Kg	1	☼	6010D	Total/NA
Copper	28.0		1.2	0.70	mg/Kg	1	☼	6010D	Total/NA
Manganese	1000		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BH-32 2-3 Feet (Continued)

Lab Sample ID: 480-228504-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	11.6	^5-	6.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Lead	350		1.2	0.57	mg/Kg	1	☼	6010D	Total/NA
Zinc	183	^5-	2.5	1.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.80		0.025	0.0057	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: BH-38 2-4 Feet

Lab Sample ID: 480-228504-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	5500	F1 F2	1000	150	ug/Kg	5	☼	8270D	Total/NA
Acenaphthylene	7300	F2	1000	130	ug/Kg	5	☼	8270D	Total/NA
Anthracene	16000	F2	1000	260	ug/Kg	5	☼	8270D	Total/NA
Benzo(k)fluoranthene	13000		1000	130	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	6000	F1 F2	1000	180	ug/Kg	5	☼	8270D	Total/NA
Dibenzofuran	3700	F1 F2	1000	120	ug/Kg	5	☼	8270D	Total/NA
Fluorene	13000	F2	1000	120	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	15000	F2	1000	130	ug/Kg	5	☼	8270D	Total/NA
p-Cresol	150	J	2000	120	ug/Kg	5	☼	8270D	Total/NA
Benzo(a)anthracene - DL	28000	F2	10000	1000	ug/Kg	50	☼	8270D	Total/NA
Benzo(a)pyrene - DL	36000	F2	10000	1500	ug/Kg	50	☼	8270D	Total/NA
Benzo(b)fluoranthene - DL	34000	F2	10000	1700	ug/Kg	50	☼	8270D	Total/NA
Benzo(g,h,i)perylene - DL	34000	F2	10000	1100	ug/Kg	50	☼	8270D	Total/NA
Chrysene - DL	31000	F2	10000	2300	ug/Kg	50	☼	8270D	Total/NA
Fluoranthene - DL	97000	F2	10000	1100	ug/Kg	50	☼	8270D	Total/NA
Indeno(1,2,3-cd)pyrene - DL	22000	F2	10000	1300	ug/Kg	50	☼	8270D	Total/NA
Phenanthrene - DL	130000	F2	10000	1500	ug/Kg	50	☼	8270D	Total/NA
Pyrene - DL	110000	F2	10000	1200	ug/Kg	50	☼	8270D	Total/NA
Arsenic	24.9		12.2	5.4	mg/Kg	5	☼	6010D	Total/NA
Barium	432		3.1	0.86	mg/Kg	5	☼	6010D	Total/NA
Beryllium	1.0	B ^5-	0.24	0.049	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.67	J	1.2	0.43	mg/Kg	5	☼	6010D	Total/NA
Chromium	29.9		3.1	2.2	mg/Kg	5	☼	6010D	Total/NA
Copper	77.7		6.1	3.5	mg/Kg	5	☼	6010D	Total/NA
Manganese	647		6.1	1.7	mg/Kg	5	☼	6010D	Total/NA
Nickel	18.6	B ^5-	6.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Lead	225		6.1	2.8	mg/Kg	5	☼	6010D	Total/NA
Zinc	225	^5-	12.2	6.2	mg/Kg	5	☼	6010D	Total/NA
Mercury	0.40		0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BH-31 2-3 Feet
Lab Sample ID: 480-228504-4

Date Collected: 04/03/25 09:00
Matrix: Solid

Date Received: 04/05/25 10:30
Percent Solids: 78.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		220	32	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Acenaphthylene	**82**	**J**	220	28	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Anthracene	ND		220	53	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Benzo(a)anthracene	**170**	**J**	220	22	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Benzo(a)pyrene	**210**	**J**	220	32	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Benzo(b)fluoranthene	**270**		220	34	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Benzo(g,h,i)perylene	**210**	**J**	220	23	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Benzo(k)fluoranthene	**120**	**J**	220	28	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Chrysene	**210**	**J**	220	48	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Dibenz(a,h)anthracene	**48**	**J**	220	38	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Dibenzofuran	ND		220	25	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Fluoranthene	**310**		220	23	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Fluorene	ND		220	25	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Hexachlorobenzene	ND		220	29	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Indeno(1,2,3-cd)pyrene	**160**	**J**	220	27	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
m-Cresol	ND		420	33	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Naphthalene	ND		220	28	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
1,4-Dioxane	ND		130	70	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
o-Cresol	ND		220	25	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
p-Cresol	ND		420	25	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Pentachlorophenol	ND		420	220	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Phenanthrene	**170**	**J**	220	32	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Phenol	ND		220	33	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1
Pyrene	**300**		220	25	ug/Kg	☼	04/17/25 13:34	04/18/25 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*113*		*26 - 143*	*04/17/25 13:34*	*04/18/25 13:54*	*1*
2-Fluorobiphenyl	*92*		*50 - 121*	*04/17/25 13:34*	*04/18/25 13:54*	*1*
2-Fluorophenol	*83*		*36 - 120*	*04/17/25 13:34*	*04/18/25 13:54*	*1*
Nitrobenzene-d5	*90*		*40 - 121*	*04/17/25 13:34*	*04/18/25 13:54*	*1*
Phenol-d5	*85*		*41 - 120*	*04/17/25 13:34*	*04/18/25 13:54*	*1*
p-Terphenyl-d14	*97*		*46 - 143*	*04/17/25 13:34*	*04/18/25 13:54*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	F1 F2 ^5-	0.81	0.27	mg/Kg	☼	04/17/25 15:26	04/18/25 10:36	1
Arsenic	**10.2**	**F1 F2**	2.7	1.2	mg/Kg	☼	04/17/25 15:26	04/18/25 10:36	1
Barium	**149**	**F1**	0.67	0.19	mg/Kg	☼	04/17/25 15:26	04/18/25 10:36	1
Beryllium	**1.5**	**F1 F2 B**	0.27	0.054	mg/Kg	☼	04/17/25 15:26	04/18/25 10:36	1
Cadmium	ND	F1 F2	0.27	0.094	mg/Kg	☼	04/17/25 15:26	04/18/25 10:36	1
Chromium	**5.3**	**F1 F2**	0.67	0.49	mg/Kg	☼	04/17/25 15:26	04/18/25 10:36	1
Copper	**10.3**	**F1 F2**	1.3	0.77	mg/Kg	☼	04/17/25 15:26	04/18/25 10:36	1
Manganese	**611**	**F2**	1.3	0.38	mg/Kg	☼	04/17/25 15:26	04/18/25 10:36	1
Nickel	**5.8**	**J F1 F2 ^5**	6.7	0.34	mg/Kg	☼	04/17/25 15:26	04/18/25 10:36	1
Lead	**102**	**F1 F2**	1.3	0.62	mg/Kg	☼	04/17/25 15:26	04/18/25 10:36	1
Selenium	ND	F1 F2	5.4	1.1	mg/Kg	☼	04/17/25 15:26	04/18/25 10:36	1
Zinc	**37.8**	**F1 F2 ^5-**	2.7	1.4	mg/Kg	☼	04/17/25 15:26	04/18/25 10:36	1

Client Sample ID: BH-31 2-3 Feet
Lab Sample ID: 480-228504-4
Date Collected: 04/03/25 09:00
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 78.0

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.21	F1	0.027	0.0061	mg/Kg	☼	04/18/25 09:18	04/18/25 13:49	1

Client Sample ID: BH-32 2-3 Feet
Lab Sample ID: 480-228504-5
Date Collected: 04/03/25 09:15
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 77.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	38	J	220	32	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Acenaphthylene	230		220	28	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Anthracene	170	J	220	54	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Benzo(a)anthracene	710		220	22	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Benzo(a)pyrene	860		220	32	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Benzo(b)fluoranthene	1000		220	35	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Benzo(g,h,i)perylene	780		220	23	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Benzo(k)fluoranthene	540		220	28	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Chrysene	870		220	49	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Dibenz(a,h)anthracene	240		220	39	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Dibenzofuran	52	J	220	26	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Fluoranthene	1300		220	23	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Fluorene	59	J	220	26	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Hexachlorobenzene	ND		220	30	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Indeno(1,2,3-cd)pyrene	660		220	27	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
m-Cresol	ND		430	34	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Naphthalene	86	J	220	28	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
1,4-Dioxane	ND		130	71	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
o-Cresol	ND		220	26	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
p-Cresol	ND		430	26	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Pentachlorophenol	ND		430	220	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Phenanthrene	730		220	32	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Phenol	ND		220	34	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1
Pyrene	1100		220	26	ug/Kg	☼	04/17/25 13:34	04/18/25 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*113*		*26 - 143*	*04/17/25 13:34*	*04/18/25 14:22*	*1*
2-Fluorobiphenyl	*94*		*50 - 121*	*04/17/25 13:34*	*04/18/25 14:22*	*1*
2-Fluorophenol	*91*		*36 - 120*	*04/17/25 13:34*	*04/18/25 14:22*	*1*
Nitrobenzene-d5	*94*		*40 - 121*	*04/17/25 13:34*	*04/18/25 14:22*	*1*
Phenol-d5	*87*		*41 - 120*	*04/17/25 13:34*	*04/18/25 14:22*	*1*
p-Terphenyl-d14	*91*		*46 - 143*	*04/17/25 13:34*	*04/18/25 14:22*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.33	J ^5-	0.74	0.25	mg/Kg	☼	04/17/25 15:26	04/18/25 10:45	1
Arsenic	9.7		2.5	1.1	mg/Kg	☼	04/17/25 15:26	04/18/25 10:45	1
Barium	243		0.61	0.17	mg/Kg	☼	04/17/25 15:26	04/18/25 10:45	1
Beryllium	2.2	B	0.25	0.049	mg/Kg	☼	04/17/25 15:26	04/18/25 10:45	1
Cadmium	0.60		0.25	0.086	mg/Kg	☼	04/17/25 15:26	04/18/25 10:45	1
Chromium	11.5		0.61	0.44	mg/Kg	☼	04/17/25 15:26	04/18/25 10:45	1
Copper	28.0		1.2	0.70	mg/Kg	☼	04/17/25 15:26	04/18/25 10:45	1

Client Sample ID: BH-32 2-3 Feet
Lab Sample ID: 480-228504-5
Date Collected: 04/03/25 09:15
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 77.3

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	1000		1.2	0.34	mg/Kg	☼	04/17/25 15:26	04/18/25 10:45	1
Nickel	11.6	^5-	6.1	0.31	mg/Kg	☼	04/17/25 15:26	04/18/25 10:45	1
Lead	350		1.2	0.57	mg/Kg	☼	04/17/25 15:26	04/18/25 10:45	1
Selenium	ND		4.9	0.98	mg/Kg	☼	04/17/25 15:26	04/18/25 10:45	1
Zinc	183	^5-	2.5	1.3	mg/Kg	☼	04/17/25 15:26	04/18/25 10:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.80		0.025	0.0057	mg/Kg	☼	04/18/25 09:18	04/18/25 13:54	1

Client Sample ID: BH-38 2-4 Feet
Lab Sample ID: 480-228504-10
Date Collected: 04/03/25 10:40
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 81.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	5500	F1 F2	1000	150	ug/Kg	☼	04/17/25 13:34	04/18/25 13:18	5
Acenaphthylene	7300	F2	1000	130	ug/Kg	☼	04/17/25 13:34	04/18/25 13:18	5
Anthracene	16000	F2	1000	260	ug/Kg	☼	04/17/25 13:34	04/18/25 13:18	5
Benzo(k)fluoranthene	13000		1000	130	ug/Kg	☼	04/17/25 13:34	04/18/25 13:18	5
Dibenz(a,h)anthracene	6000	F1 F2	1000	180	ug/Kg	☼	04/17/25 13:34	04/18/25 13:18	5
Dibenzofuran	3700	F1 F2	1000	120	ug/Kg	☼	04/17/25 13:34	04/18/25 13:18	5
Fluorene	13000	F2	1000	120	ug/Kg	☼	04/17/25 13:34	04/18/25 13:18	5
Hexachlorobenzene	ND		1000	140	ug/Kg	☼	04/17/25 13:34	04/18/25 13:18	5
m-Cresol	ND		2000	160	ug/Kg	☼	04/17/25 13:34	04/18/25 13:18	5
Naphthalene	15000	F2	1000	130	ug/Kg	☼	04/17/25 13:34	04/18/25 13:18	5
1,4-Dioxane	ND		610	340	ug/Kg	☼	04/17/25 13:34	04/18/25 13:18	5
o-Cresol	ND		1000	120	ug/Kg	☼	04/17/25 13:34	04/18/25 13:18	5
p-Cresol	150	J	2000	120	ug/Kg	☼	04/17/25 13:34	04/18/25 13:18	5
Pentachlorophenol	ND		2000	1000	ug/Kg	☼	04/17/25 13:34	04/18/25 13:18	5
Phenol	ND		1000	160	ug/Kg	☼	04/17/25 13:34	04/18/25 13:18	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*94*		*26 - 143*	*04/17/25 13:34*	*04/18/25 13:18*	*5*
2-Fluorobiphenyl	*80*		*50 - 121*	*04/17/25 13:34*	*04/18/25 13:18*	*5*
2-Fluorophenol	*75*		*36 - 120*	*04/17/25 13:34*	*04/18/25 13:18*	*5*
Nitrobenzene-d5	*76*		*40 - 121*	*04/17/25 13:34*	*04/18/25 13:18*	*5*
Phenol-d5	*72*		*41 - 120*	*04/17/25 13:34*	*04/18/25 13:18*	*5*
p-Terphenyl-d14	*75*		*46 - 143*	*04/17/25 13:34*	*04/18/25 13:18*	*5*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(a)anthracene	28000	F2	10000	1000	ug/Kg	☼	04/17/25 13:34	04/18/25 16:08	50
Benzo(a)pyrene	36000	F2	10000	1500	ug/Kg	☼	04/17/25 13:34	04/18/25 16:08	50
Benzo(b)fluoranthene	34000	F2	10000	1700	ug/Kg	☼	04/17/25 13:34	04/18/25 16:08	50
Benzo(g,h,i)perylene	34000	F2	10000	1100	ug/Kg	☼	04/17/25 13:34	04/18/25 16:08	50
Chrysene	31000	F2	10000	2300	ug/Kg	☼	04/17/25 13:34	04/18/25 16:08	50
Fluoranthene	97000	F2	10000	1100	ug/Kg	☼	04/17/25 13:34	04/18/25 16:08	50
Indeno(1,2,3-cd)pyrene	22000	F2	10000	1300	ug/Kg	☼	04/17/25 13:34	04/18/25 16:08	50
Phenanthrene	130000	F2	10000	1500	ug/Kg	☼	04/17/25 13:34	04/18/25 16:08	50
Pyrene	110000	F2	10000	1200	ug/Kg	☼	04/17/25 13:34	04/18/25 16:08	50

Client: Niagara Engineering, DPC
Project/Site: Montgomery Street - Soil Project

Job ID: 480-228504-2

Client Sample ID: BH-38 2-4 Feet

Date Collected: 04/03/25 10:40
Date Received: 04/05/25 10:30

Lab Sample ID: 480-228504-10

Matrix: Solid
Percent Solids: 81.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*122*		*26 - 143*	*04/17/25 13:34*	*04/18/25 16:08*	*50*
2-Fluorobiphenyl	*69*		*50 - 121*	*04/17/25 13:34*	*04/18/25 16:08*	*50*
2-Fluorophenol	*64*		*36 - 120*	*04/17/25 13:34*	*04/18/25 16:08*	*50*
Nitrobenzene-d5	*71*		*40 - 121*	*04/17/25 13:34*	*04/18/25 16:08*	*50*
Phenol-d5	*63*		*41 - 120*	*04/17/25 13:34*	*04/18/25 16:08*	*50*
p-Terphenyl-d14	*78*		*46 - 143*	*04/17/25 13:34*	*04/18/25 16:08*	*50*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	^5-	3.7	1.2	mg/Kg	☼	04/07/25 14:56	04/08/25 13:08	5
Arsenic	**24.9**		12.2	5.4	mg/Kg	☼	04/07/25 14:56	04/08/25 13:08	5
Barium	**432**		3.1	0.86	mg/Kg	☼	04/07/25 14:56	04/08/25 13:08	5
Beryllium	**1.0**	**B ^5-**	0.24	0.049	mg/Kg	☼	04/08/25 15:26	04/09/25 15:56	1
Cadmium	**0.67**	**J**	1.2	0.43	mg/Kg	☼	04/07/25 14:56	04/08/25 13:08	5
Chromium	**29.9**		3.1	2.2	mg/Kg	☼	04/07/25 14:56	04/08/25 13:08	5
Copper	**77.7**		6.1	3.5	mg/Kg	☼	04/07/25 14:56	04/08/25 13:08	5
Manganese	**647**		6.1	1.7	mg/Kg	☼	04/07/25 14:56	04/08/25 13:08	5
Nickel	**18.6**	**B ^5-**	6.1	0.30	mg/Kg	☼	04/08/25 15:26	04/09/25 15:56	1
Lead	**225**		6.1	2.8	mg/Kg	☼	04/07/25 14:56	04/08/25 13:08	5
Selenium	ND		24.5	4.9	mg/Kg	☼	04/07/25 14:56	04/08/25 13:08	5
Zinc	**225**	**^5-**	12.2	6.2	mg/Kg	☼	04/07/25 14:56	04/08/25 13:08	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.40**		0.024	0.0055	mg/Kg	☼	04/18/25 09:18	04/18/25 13:55	1

Surrogate Summary

Client: Niagara Engineering, DPC
Project/Site: Montgomery Street - Soil Project

Job ID: 480-228504-2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPHd14		
Lab Sample ID	Client Sample ID	(26-143)	(50-121)	(36-120)	(40-121)	(41-120)	(46-143)		
480-228504-4	BH-31 2-3 Feet	113	92	83	90	85	97		
480-228504-5	BH-32 2-3 Feet	113	94	91	94	87	91		
480-228504-10 - DL	BH-38 2-4 Feet	122	69	64	71	63	78		
480-228504-10	BH-38 2-4 Feet	94	80	75	76	72	75		
480-228504-10 MS - DL	BH-38 2-4 Feet	100	62	51	64	52	62		
480-228504-10 MS	BH-38 2-4 Feet	75	66	60	64	62	61		
480-228504-10 MSD - DL	BH-38 2-4 Feet	96	72	57	69	59	69		
480-228504-10 MSD	BH-38 2-4 Feet	78	71	71	68	66	65		
LCS 480-743838/2-A	Lab Control Sample	115	91	85	89	86	101		
MB 480-743838/1-A	Method Blank	102	88	80	84	82	94		

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-743838/1-A
Matrix: Solid
Analysis Batch: 743903

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 743838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170	25	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Acenaphthylene	ND		170	22	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Anthracene	ND		170	42	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Benzo(a)anthracene	ND		170	17	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Benzo(a)pyrene	ND		170	25	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Benzo(b)fluoranthene	ND		170	27	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Benzo(g,h,i)perylene	ND		170	18	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Benzo(k)fluoranthene	ND		170	22	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Chrysene	ND		170	38	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Dibenz(a,h)anthracene	ND		170	30	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Dibenzofuran	ND		170	20	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Fluoranthene	ND		170	18	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Fluorene	ND		170	20	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Hexachlorobenzene	ND		170	23	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Indeno(1,2,3-cd)pyrene	ND		170	21	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
m-Cresol	ND		330	26	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Naphthalene	ND		170	22	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
1,4-Dioxane	ND		100	55	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
o-Cresol	ND		170	20	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
p-Cresol	ND		330	20	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Pentachlorophenol	ND		330	170	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Phenanthrene	ND		170	25	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Phenol	ND		170	26	ug/Kg		04/17/25 13:34	04/18/25 11:19	1
Pyrene	ND		170	20	ug/Kg		04/17/25 13:34	04/18/25 11:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*102*		*26 - 143*	*04/17/25 13:34*	*04/18/25 11:19*	*1*
2-Fluorobiphenyl	*88*		*50 - 121*	*04/17/25 13:34*	*04/18/25 11:19*	*1*
2-Fluorophenol	*80*		*36 - 120*	*04/17/25 13:34*	*04/18/25 11:19*	*1*
Nitrobenzene-d5	*84*		*40 - 121*	*04/17/25 13:34*	*04/18/25 11:19*	*1*
Phenol-d5	*82*		*41 - 120*	*04/17/25 13:34*	*04/18/25 11:19*	*1*
p-Terphenyl-d14	*94*		*46 - 143*	*04/17/25 13:34*	*04/18/25 11:19*	*1*

Lab Sample ID: LCS 480-743838/2-A
Matrix: Solid
Analysis Batch: 743903

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 743838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1330	1180		ug/Kg		88	62 - 120
Acenaphthylene	1330	1220		ug/Kg		92	58 - 121
Anthracene	1330	1250		ug/Kg		94	62 - 120
Benzo(a)anthracene	1330	1240		ug/Kg		93	65 - 120
Benzo(a)pyrene	1330	1310		ug/Kg		98	64 - 120
Benzo(b)fluoranthene	1330	1230		ug/Kg		92	64 - 120
Benzo(g,h,i)perylene	1330	1270		ug/Kg		95	45 - 145
Benzo(k)fluoranthene	1330	1410		ug/Kg		105	65 - 120
Chrysene	1330	1240		ug/Kg		93	64 - 120
Dibenz(a,h)anthracene	1330	1310		ug/Kg		98	54 - 132

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-743838/2-A
Matrix: Solid
Analysis Batch: 743903

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 743838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenzofuran	1330	1220		ug/Kg		92	63 - 120
Fluoranthene	1330	1270		ug/Kg		95	62 - 120
Fluorene	1330	1230		ug/Kg		93	63 - 120
Hexachlorobenzene	1330	1400		ug/Kg		105	60 - 120
Indeno(1,2,3-cd)pyrene	1330	1270		ug/Kg		95	56 - 134
Naphthalene	1330	1100		ug/Kg		82	55 - 120
1,4-Dioxane	1330	769		ug/Kg		58	23 - 120
o-Cresol	1330	1040		ug/Kg		78	54 - 120
p-Cresol	1330	1110		ug/Kg		83	55 - 120
Pentachlorophenol	2670	2550		ug/Kg		96	10 - 120
Phenanthrene	1330	1240		ug/Kg		93	60 - 120
Phenol	1330	1150		ug/Kg		86	53 - 120
Pyrene	1330	1300		ug/Kg		97	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*115*		*26 - 143*
2-Fluorobiphenyl	*91*		*50 - 121*
2-Fluorophenol	*85*		*36 - 120*
Nitrobenzene-d5	*89*		*40 - 121*
Phenol-d5	*86*		*41 - 120*
p-Terphenyl-d14	*101*		*46 - 143*

Lab Sample ID: 480-228504-10 MS
Matrix: Solid
Analysis Batch: 743903

Client Sample ID: BH-38 2-4 Feet
Prep Type: Total/NA
Prep Batch: 743838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	5500	F1 F2	1630	2280	F1	ug/Kg	☼	-197	60 - 120
Acenaphthylene	7300	F2	1630	3480	4	ug/Kg	☼	-234	58 - 121
Anthracene	16000	F2	1630	4980	4	ug/Kg	☼	-690	62 - 120
Benzo(k)fluoranthene	13000		1630	5770	4	ug/Kg	☼	-416	23 - 150
Dibenz(a,h)anthracene	6000	F1 F2	1630	3380	F1	ug/Kg	☼	-159	54 - 132
Dibenzofuran	3700	F1 F2	1630	1990	F1	ug/Kg	☼	-104	62 - 120
Fluorene	13000	F2	1630	4180	4	ug/Kg	☼	-541	63 - 120
Hexachlorobenzene	ND		1630	1070		ug/Kg	☼	65	60 - 120
Naphthalene	15000	F2	1630	3660	4	ug/Kg	☼	-671	46 - 120
1,4-Dioxane	ND		1630	541	J	ug/Kg	☼	33	13 - 120
o-Cresol	ND		1630	962	J	ug/Kg	☼	59	48 - 120
p-Cresol	150	J	1630	1020	J	ug/Kg	☼	53	50 - 120
Pentachlorophenol	ND		3270	1590	J	ug/Kg	☼	49	10 - 136
Phenol	ND		1630	988	J	ug/Kg	☼	61	50 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*75*		*26 - 143*
2-Fluorobiphenyl	*66*		*50 - 121*
2-Fluorophenol	*60*		*36 - 120*
Nitrobenzene-d5	*64*		*40 - 121*
Phenol-d5	*62*		*41 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-228504-10 MS
Matrix: Solid
Analysis Batch: 743903

Client Sample ID: BH-38 2-4 Feet
Prep Type: Total/NA
Prep Batch: 743838

Surrogate	MS %Recovery	MS Qualifier	Limits
p-Terphenyl-d14	*61*		*46 - 143*

Lab Sample ID: 480-228504-10 MSD
Matrix: Solid
Analysis Batch: 743903

Client Sample ID: BH-38 2-4 Feet
Prep Type: Total/NA
Prep Batch: 743838

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	5500	F1 F2	1630	3270	F1 F2	ug/Kg	☼	-137	60 - 120	36	35
Acenaphthylene	7300	F2	1630	4840	4 F2	ug/Kg	☼	-151	58 - 121	33	18
Anthracene	16000	F2	1630	7420	4 F2	ug/Kg	☼	-543	62 - 120	39	15
Benzo(k)fluoranthene	13000		1630	6870	4	ug/Kg	☼	-349	23 - 150	17	22
Dibenz(a,h)anthracene	6000	F1 F2	1630	4350	F1 F2	ug/Kg	☼	-100	54 - 132	25	15
Dibenzofuran	3700	F1 F2	1630	2610	F1 F2	ug/Kg	☼	-66	62 - 120	27	15
Fluorene	13000	F2	1630	6670	4 F2	ug/Kg	☼	-389	63 - 120	46	15
Hexachlorobenzene	ND		1630	1150		ug/Kg	☼	71	60 - 120	8	15
Naphthalene	15000	F2	1630	5940	4 F2	ug/Kg	☼	-533	46 - 120	47	29
1,4-Dioxane	ND		1630	600	J	ug/Kg	☼	37	13 - 120	10	50
o-Cresol	ND		1630	1080		ug/Kg	☼	66	48 - 120	11	27
p-Cresol	150	J	1630	1160	J	ug/Kg	☼	62	50 - 120	13	24
Pentachlorophenol	ND		3260	1560	J	ug/Kg	☼	48	10 - 136	2	35
Phenol	ND		1630	1080		ug/Kg	☼	66	50 - 120	9	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol	*78*		*26 - 143*
2-Fluorobiphenyl	*71*		*50 - 121*
2-Fluorophenol	*71*		*36 - 120*
Nitrobenzene-d5	*68*		*40 - 121*
Phenol-d5	*66*		*41 - 120*
p-Terphenyl-d14	*65*		*46 - 143*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Lab Sample ID: 480-228504-10 MS
Matrix: Solid
Analysis Batch: 743903

Client Sample ID: BH-38 2-4 Feet
Prep Type: Total/NA
Prep Batch: 743838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo(a)anthracene - DL	28000	F2	1630	8660	J 4	ug/Kg	☼	-1182	65 - 120
Benzo(a)pyrene - DL	36000	F2	1630	11700	4	ug/Kg	☼	-1507	64 - 120
Benzo(b)fluoranthene - DL	34000	F2	1630	11600	4	ug/Kg	☼	-1349	10 - 150
Benzo(g,h,i)perylene - DL	34000	F2	1630	12500	4	ug/Kg	☼	-1317	45 - 145
Chrysene - DL	31000	F2	1630	11100	4	ug/Kg	☼	-1199	64 - 120
Fluoranthene - DL	97000	F2	1630	28600	4	ug/Kg	☼	-4168	62 - 120
Indeno(1,2,3-cd)pyrene - DL	22000	F2	1630	8440	J 4	ug/Kg	☼	-801	56 - 134
Phenanthrene - DL	130000	F2	1630	35900	4	ug/Kg	☼	-5802	60 - 122
Pyrene - DL	110000	F2	1630	33400	4	ug/Kg	☼	-4935	61 - 133

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Lab Sample ID: 480-228504-10 MS
Matrix: Solid
Analysis Batch: 743903

Client Sample ID: BH-38 2-4 Feet
Prep Type: Total/NA
Prep Batch: 743838

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol - DL	*100*		*26 - 143*
2-Fluorobiphenyl - DL	*62*		*50 - 121*
2-Fluorophenol - DL	*51*		*36 - 120*
Nitrobenzene-d5 - DL	*64*		*40 - 121*
Phenol-d5 - DL	*52*		*41 - 120*
p-Terphenyl-d14 - DL	*62*		*46 - 143*

Lab Sample ID: 480-228504-10 MSD
Matrix: Solid
Analysis Batch: 743903

Client Sample ID: BH-38 2-4 Feet
Prep Type: Total/NA
Prep Batch: 743838

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo(a)anthracene - DL	28000	F2	1630	14600	4 F2	ug/Kg	☼	-818	65 - 120	51	15
Benzo(a)pyrene - DL	36000	F2	1630	19100	4 F2	ug/Kg	☼	-1058	64 - 120	48	15
Benzo(b)fluoranthene - DL	34000	F2	1630	18600	4 F2	ug/Kg	☼	-918	10 - 150	47	15
Benzo(g,h,i)perylene - DL	34000	F2	1630	19800	4 F2	ug/Kg	☼	-871	45 - 145	45	15
Chrysene - DL	31000	F2	1630	17200	4 F2	ug/Kg	☼	-831	64 - 120	43	15
Fluoranthene - DL	97000	F2	1630	48200	4 F2	ug/Kg	☼	-2978	62 - 120	51	15
Indeno(1,2,3-cd)pyrene - DL	22000	F2	1630	12700	4 F2	ug/Kg	☼	-540	56 - 134	40	15
Phenanthrene - DL	130000	F2	1630	62100	4 F2	ug/Kg	☼	-4204	60 - 122	54	15
Pyrene - DL	110000	F2	1630	57100	4 F2	ug/Kg	☼	-3489	61 - 133	52	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol - DL	*96*		*26 - 143*
2-Fluorobiphenyl - DL	*72*		*50 - 121*
2-Fluorophenol - DL	*57*		*36 - 120*
Nitrobenzene-d5 - DL	*69*		*40 - 121*
Phenol-d5 - DL	*59*		*41 - 120*
p-Terphenyl-d14 - DL	*69*		*46 - 143*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-742837/1-A
Matrix: Solid
Analysis Batch: 743017

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 742837

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	^5-	0.59	0.20	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Arsenic	ND		2.0	0.87	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Barium	ND		0.49	0.14	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Cadmium	ND		0.20	0.069	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Chromium	ND		0.49	0.36	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Copper	ND		0.99	0.56	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Manganese	ND		0.99	0.28	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Lead	ND		0.99	0.45	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Selenium	ND		3.9	0.79	mg/Kg		04/07/25 14:56	04/08/25 12:09	1
Zinc	ND	^5-	2.0	1.0	mg/Kg		04/07/25 14:56	04/08/25 12:09	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCDSRM 480-742837/3-A
Matrix: Solid
Analysis Batch: 743017

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 742837

Analyte	Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	59.9	52.40		mg/Kg		87.5	72.8 - 110.7	7	20
Arsenic	181	143.9		mg/Kg		79.5	66.3 - 97.8	7	20
Barium	211	187.4		mg/Kg		88.8	73.9 - 107.1	17	20
Cadmium	221	180.9		mg/Kg		81.9	70.6 - 101.8	12	20
Chromium	149	139.1		mg/Kg		93.3	71.8 - 105.4	9	20
Copper	264	236.4		mg/Kg		89.6	73.5 - 104.2	9	20
Manganese	270	251.8		mg/Kg		93.2	73.0 - 107.8	3	20
Lead	106	102.3		mg/Kg		96.6	76.1 - 109.4	5	20
Selenium	139	118.2		mg/Kg		85.0	70.0 - 107.9	8	20
Zinc	398	347.8		mg/Kg		87.4	68.8 - 104.5	10	20

Lab Sample ID: LCSSRM 480-742837/2-A
Matrix: Solid
Analysis Batch: 743017

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 742837

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Silver	59.9	56.47		mg/Kg		94.3	72.8 - 110.7
Arsenic	181	154.8		mg/Kg		85.5	66.3 - 97.8
Barium	211	221.2		mg/Kg		104.8	73.9 - 107.1
Cadmium	221	204.0		mg/Kg		92.3	70.6 - 101.8
Chromium	149	152.8		mg/Kg		102.5	71.8 - 105.4
Copper	264	258.4		mg/Kg		97.9	73.5 - 104.2
Manganese	270	259.9		mg/Kg		96.2	73.0 - 107.8
Lead	106	107.3		mg/Kg		101.2	76.1 - 109.4
Selenium	139	127.9		mg/Kg		92.0	70.0 - 107.9
Zinc	398	385.4		mg/Kg		96.8	68.8 - 104.5

Lab Sample ID: MB 480-742976/1-A
Matrix: Solid
Analysis Batch: 743177

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 742976

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.0411	J ^5-	0.19	0.039	mg/Kg		04/08/25 15:26	04/09/25 15:25	1
Nickel	0.242	J ^5-	4.8	0.24	mg/Kg		04/08/25 15:26	04/09/25 15:25	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-742976/2-A
Matrix: Solid
Analysis Batch: 743177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 742976

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	270	220.2		mg/Kg		81.6	73.0 - 104.4
Nickel	177	146.1		mg/Kg		82.5	71.8 - 103.4

Lab Sample ID: MB 480-743844/1-A
Matrix: Solid
Analysis Batch: 743936

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 743844

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	^5-	0.62	0.21	mg/Kg		04/17/25 15:26	04/18/25 10:32	1
Arsenic	ND		2.1	0.90	mg/Kg		04/17/25 15:26	04/18/25 10:32	1
Barium	ND		0.51	0.14	mg/Kg		04/17/25 15:26	04/18/25 10:32	1
Beryllium	0.103	J	0.21	0.041	mg/Kg		04/17/25 15:26	04/18/25 10:32	1
Cadmium	ND		0.21	0.072	mg/Kg		04/17/25 15:26	04/18/25 10:32	1
Chromium	ND		0.51	0.37	mg/Kg		04/17/25 15:26	04/18/25 10:32	1
Copper	ND		1.0	0.59	mg/Kg		04/17/25 15:26	04/18/25 10:32	1
Manganese	ND		1.0	0.29	mg/Kg		04/17/25 15:26	04/18/25 10:32	1
Nickel	ND	^5-	5.1	0.26	mg/Kg		04/17/25 15:26	04/18/25 10:32	1
Lead	ND		1.0	0.47	mg/Kg		04/17/25 15:26	04/18/25 10:32	1
Selenium	ND		4.1	0.82	mg/Kg		04/17/25 15:26	04/18/25 10:32	1
Zinc	ND	^5-	2.1	1.0	mg/Kg		04/17/25 15:26	04/18/25 10:32	1

Lab Sample ID: LCSSRM 480-743844/2-A
Matrix: Solid
Analysis Batch: 743936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 743844

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Silver	59.9	49.62		mg/Kg		82.8	72.8 - 110.7
Arsenic	181	133.2		mg/Kg		73.6	66.3 - 97.8
Barium	211	187.0		mg/Kg		88.6	73.9 - 107.1
Beryllium	270	243.0		mg/Kg		90.0	73.0 - 104.4
Cadmium	221	179.8		mg/Kg		81.4	70.6 - 101.8
Chromium	149	131.9		mg/Kg		88.5	71.8 - 105.4
Copper	264	221.3		mg/Kg		83.8	73.5 - 104.2
Manganese	270	213.3		mg/Kg		79.0	73.0 - 107.8
Nickel	177	155.7		mg/Kg		87.9	71.8 - 103.4
Lead	106	92.58		mg/Kg		87.3	76.1 - 109.4
Selenium	139	106.5		mg/Kg		76.7	70.0 - 107.9
Zinc	398	328.2		mg/Kg		82.5	68.8 - 104.5

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 480-228504-4 MS
Matrix: Solid
Analysis Batch: 743936

Client Sample ID: BH-31 2-3 Feet
Prep Type: Total/NA
Prep Batch: 743844

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	ND	F1 F2 ^5-	12.6	3.31	^5- F1	mg/Kg	☼	26	75 - 125
Arsenic	10.2	F1 F2	252	73.46	F1	mg/Kg	☼	25	75 - 125
Barium	149	F1	252	184.4	F1	mg/Kg	☼	14	75 - 125
Beryllium	1.5	F1 F2 B	125	33.18	F1	mg/Kg	☼	25	75 - 125
Cadmium	ND	F1 F2	126	31.21	F1	mg/Kg	☼	25	75 - 125
Chromium	5.3	F1 F2	126	36.69	F1	mg/Kg	☼	25	75 - 125
Copper	10.3	F1 F2	126	40.74	F1	mg/Kg	☼	24	75 - 125
Manganese	611	F2	126	578.8	4	mg/Kg	☼	-25	75 - 125
Nickel	5.8	J F1 F2 ^5-	126	34.05	^5- F1	mg/Kg	☼	22	75 - 125
Lead	102	F1 F2	126	183.2	F1	mg/Kg	☼	65	75 - 125
Selenium	ND	F1 F2	252	52.68	F1	mg/Kg	☼	21	75 - 125
Zinc	37.8	F1 F2 ^5-	126	54.40	^5- F1	mg/Kg	☼	13	75 - 125

Lab Sample ID: 480-228504-4 MSD
Matrix: Solid
Analysis Batch: 743936

Client Sample ID: BH-31 2-3 Feet
Prep Type: Total/NA
Prep Batch: 743844

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	ND	F1 F2 ^5-	12.3	4.16	^5- F1 F2	mg/Kg	☼	34	75 - 125	23	20
Arsenic	10.2	F1 F2	247	93.73	F1 F2	mg/Kg	☼	34	75 - 125	24	20
Barium	149	F1	247	222.5	F1	mg/Kg	☼	30	75 - 125	19	20
Beryllium	1.5	F1 F2 B	123	41.49	F1 F2	mg/Kg	☼	33	75 - 125	22	20
Cadmium	ND	F1 F2	123	38.94	F1 F2	mg/Kg	☼	32	75 - 125	22	20
Chromium	5.3	F1 F2	123	50.17	F1 F2	mg/Kg	☼	36	75 - 125	31	20
Copper	10.3	F1 F2	123	67.69	F1 F2	mg/Kg	☼	46	75 - 125	50	20
Manganese	611	F2	123	793.1	4 F2	mg/Kg	☼	148	75 - 125	31	20
Nickel	5.8	J F1 F2 ^5-	123	48.98	^5- F1 F2	mg/Kg	☼	35	75 - 125	36	20
Lead	102	F1 F2	123	241.1	F2	mg/Kg	☼	113	75 - 125	27	20
Selenium	ND	F1 F2	247	65.69	F1 F2	mg/Kg	☼	27	75 - 125	22	20
Zinc	37.8	F1 F2 ^5-	123	86.14	^5- F1 F2	mg/Kg	☼	39	75 - 125	45	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-743850/1-A
Matrix: Solid
Analysis Batch: 743950

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 743850

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0046	mg/Kg		04/18/25 09:18	04/18/25 13:46	1

Lab Sample ID: LCSSRM 480-743850/2-A ^10
Matrix: Solid
Analysis Batch: 743950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 743850

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	24.0	18.53		mg/Kg		77.2	55.8 - 109.6

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 480-228504-4 MS
Client Sample ID: BH-31 2-3 Feet
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 743950
Prep Batch: 743850

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.21	F1	0.441	0.653		mg/Kg	☼	100	80 - 120

Lab Sample ID: 480-228504-4 MSD
Client Sample ID: BH-31 2-3 Feet
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 743950
Prep Batch: 743850

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.21	F1	0.448	0.557	F1	mg/Kg	☼	78	80 - 120	16	20

QC Association Summary

Client: Niagara Engineering, DPC
Project/Site: Montgomery Street - Soil Project

Job ID: 480-228504-2

GC/MS Semi VOA

Prep Batch: 743838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-4	BH-31 2-3 Feet	Total/NA	Solid	3550C	
480-228504-5	BH-32 2-3 Feet	Total/NA	Solid	3550C	
480-228504-10	BH-38 2-4 Feet	Total/NA	Solid	3550C	
480-228504-10 - DL	BH-38 2-4 Feet	Total/NA	Solid	3550C	
MB 480-743838/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-743838/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-228504-10 MS	BH-38 2-4 Feet	Total/NA	Solid	3550C	
480-228504-10 MS - DL	BH-38 2-4 Feet	Total/NA	Solid	3550C	
480-228504-10 MSD	BH-38 2-4 Feet	Total/NA	Solid	3550C	
480-228504-10 MSD - DL	BH-38 2-4 Feet	Total/NA	Solid	3550C	

Analysis Batch: 743903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-4	BH-31 2-3 Feet	Total/NA	Solid	8270D	743838
480-228504-5	BH-32 2-3 Feet	Total/NA	Solid	8270D	743838
480-228504-10	BH-38 2-4 Feet	Total/NA	Solid	8270D	743838
480-228504-10 - DL	BH-38 2-4 Feet	Total/NA	Solid	8270D	743838
MB 480-743838/1-A	Method Blank	Total/NA	Solid	8270D	743838
LCS 480-743838/2-A	Lab Control Sample	Total/NA	Solid	8270D	743838
480-228504-10 MS	BH-38 2-4 Feet	Total/NA	Solid	8270D	743838
480-228504-10 MS - DL	BH-38 2-4 Feet	Total/NA	Solid	8270D	743838
480-228504-10 MSD	BH-38 2-4 Feet	Total/NA	Solid	8270D	743838
480-228504-10 MSD - DL	BH-38 2-4 Feet	Total/NA	Solid	8270D	743838

Metals

Prep Batch: 742837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-10	BH-38 2-4 Feet	Total/NA	Solid	3050B	
MB 480-742837/1-A	Method Blank	Total/NA	Solid	3050B	
LCDSRM 480-742837/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 480-742837/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 742976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-10	BH-38 2-4 Feet	Total/NA	Solid	3050B	
MB 480-742976/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-742976/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 743017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-10	BH-38 2-4 Feet	Total/NA	Solid	6010D	742837
MB 480-742837/1-A	Method Blank	Total/NA	Solid	6010D	742837
LCDSRM 480-742837/3-A	Lab Control Sample Dup	Total/NA	Solid	6010D	742837
LCSSRM 480-742837/2-A	Lab Control Sample	Total/NA	Solid	6010D	742837

Analysis Batch: 743177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-10	BH-38 2-4 Feet	Total/NA	Solid	6010D	742976
MB 480-742976/1-A	Method Blank	Total/NA	Solid	6010D	742976
LCSSRM 480-742976/2-A	Lab Control Sample	Total/NA	Solid	6010D	742976

QC Association Summary

Client: Niagara Engineering, DPC
Job ID: 480-228504-2
Project/Site: Montgomery Street - Soil Project

Metals

Prep Batch: 743844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-4	BH-31 2-3 Feet	Total/NA	Solid	3050B	
480-228504-5	BH-32 2-3 Feet	Total/NA	Solid	3050B	
MB 480-743844/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-743844/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-228504-4 MS	BH-31 2-3 Feet	Total/NA	Solid	3050B	
480-228504-4 MSD	BH-31 2-3 Feet	Total/NA	Solid	3050B	

Prep Batch: 743850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-4	BH-31 2-3 Feet	Total/NA	Solid	7471B	
480-228504-5	BH-32 2-3 Feet	Total/NA	Solid	7471B	
480-228504-10	BH-38 2-4 Feet	Total/NA	Solid	7471B	
MB 480-743850/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-743850/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	
480-228504-4 MS	BH-31 2-3 Feet	Total/NA	Solid	7471B	
480-228504-4 MSD	BH-31 2-3 Feet	Total/NA	Solid	7471B	

Analysis Batch: 743936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-4	BH-31 2-3 Feet	Total/NA	Solid	6010D	743844
480-228504-5	BH-32 2-3 Feet	Total/NA	Solid	6010D	743844
MB 480-743844/1-A	Method Blank	Total/NA	Solid	6010D	743844
LCSSRM 480-743844/2-A	Lab Control Sample	Total/NA	Solid	6010D	743844
480-228504-4 MS	BH-31 2-3 Feet	Total/NA	Solid	6010D	743844
480-228504-4 MSD	BH-31 2-3 Feet	Total/NA	Solid	6010D	743844

Analysis Batch: 743950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-4	BH-31 2-3 Feet	Total/NA	Solid	7471B	743850
480-228504-5	BH-32 2-3 Feet	Total/NA	Solid	7471B	743850
480-228504-10	BH-38 2-4 Feet	Total/NA	Solid	7471B	743850
MB 480-743850/1-A	Method Blank	Total/NA	Solid	7471B	743850
LCSSRM 480-743850/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	743850
480-228504-4 MS	BH-31 2-3 Feet	Total/NA	Solid	7471B	743850
480-228504-4 MSD	BH-31 2-3 Feet	Total/NA	Solid	7471B	743850

General Chemistry

Analysis Batch: 742913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228504-4	BH-31 2-3 Feet	Total/NA	Solid	Moisture	
480-228504-5	BH-32 2-3 Feet	Total/NA	Solid	Moisture	
480-228504-10	BH-38 2-4 Feet	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Niagara Engineering, DPC
Project/Site: Montgomery Street - Soil Project

Job ID: 480-228504-2

Client Sample ID: BH-31 2-3 Feet
Lab Sample ID: 480-228504-4
Date Collected: 04/03/25 09:00
Matrix: Solid
Date Received: 04/05/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742913	JLS	EET BUF	04/07/25 14:23

Client Sample ID: BH-31 2-3 Feet
Lab Sample ID: 480-228504-4
Date Collected: 04/03/25 09:00
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 78.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			743838	LSC	EET BUF	04/17/25 13:34
Total/NA	Analysis	8270D		1	743903	JMM	EET BUF	04/18/25 13:54
Total/NA	Prep	3050B			743844	ET	EET BUF	04/17/25 15:26
Total/NA	Analysis	6010D		1	743936	BMB	EET BUF	04/18/25 10:36
Total/NA	Prep	7471B			743850	ESB	EET BUF	04/18/25 09:18
Total/NA	Analysis	7471B		1	743950	BMB	EET BUF	04/18/25 13:49

Client Sample ID: BH-32 2-3 Feet
Lab Sample ID: 480-228504-5
Date Collected: 04/03/25 09:15
Matrix: Solid
Date Received: 04/05/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742913	JLS	EET BUF	04/07/25 14:23

Client Sample ID: BH-32 2-3 Feet
Lab Sample ID: 480-228504-5
Date Collected: 04/03/25 09:15
Matrix: Solid
Date Received: 04/05/25 10:30
Percent Solids: 77.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			743838	LSC	EET BUF	04/17/25 13:34
Total/NA	Analysis	8270D		1	743903	JMM	EET BUF	04/18/25 14:22
Total/NA	Prep	3050B			743844	ET	EET BUF	04/17/25 15:26
Total/NA	Analysis	6010D		1	743936	BMB	EET BUF	04/18/25 10:45
Total/NA	Prep	7471B			743850	ESB	EET BUF	04/18/25 09:18
Total/NA	Analysis	7471B		1	743950	BMB	EET BUF	04/18/25 13:54

Client Sample ID: BH-38 2-4 Feet
Lab Sample ID: 480-228504-10
Date Collected: 04/03/25 10:40
Matrix: Solid
Date Received: 04/05/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	742913	JLS	EET BUF	04/07/25 14:23

Lab Chronicle

Client: Niagara Engineering, DPC
Job ID: 480-228504-2
Project/Site: Montgomery Street - Soil Project

Client Sample ID: BH-38 2-4 Feet
Lab Sample ID: 480-228504-10

Date Collected: 04/03/25 10:40
Matrix: Solid

Date Received: 04/05/25 10:30
Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			743838	LSC	EET BUF	04/17/25 13:34
Total/NA	Analysis	8270D		5	743903	JMM	EET BUF	04/18/25 13:18
Total/NA	Prep	3550C	DL		743838	LSC	EET BUF	04/17/25 13:34
Total/NA	Analysis	8270D	DL	50	743903	JMM	EET BUF	04/18/25 16:08
Total/NA	Prep	3050B			742837	EMO	EET BUF	04/07/25 14:56
Total/NA	Analysis	6010D		5	743017	BMB	EET BUF	04/08/25 13:08
Total/NA	Prep	3050B			742976	ET	EET BUF	04/08/25 15:26
Total/NA	Analysis	6010D		1	743177	BMB	EET BUF	04/09/25 15:56
Total/NA	Prep	7471B			743850	ESB	EET BUF	04/18/25 09:18
Total/NA	Analysis	7471B		1	743950	BMB	EET BUF	04/18/25 13:55

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Niagara Engineering, DPC
Job ID: 480-228504-2
Project/Site: Montgomery Street - Soil Project

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Niagara Engineering, DPC
Job ID: 480-228504-2
Project/Site: Montgomery Street - Soil Project

Method	Method Description	Protocol	Laboratory
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010D	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
3050B	Preparation, Metals	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Niagara Engineering, DPC
Job ID: 480-228504-2
Project/Site: Montgomery Street - Soil Project

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-228504-4	BH-31 2-3 Feet	Solid	04/03/25 09:00	04/05/25 10:30
480-228504-5	BH-32 2-3 Feet	Solid	04/03/25 09:15	04/05/25 10:30
480-228504-10	BH-38 2-4 Feet	Solid	04/03/25 10:40	04/05/25 10:30

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information

Client Contact: Mr. Peter Gorton
Company: Niagara Engineering, DPC
Address: 255 Great Arrow Avenue Suite 102
City: Buffalo
State, Zip: NY, 14207
Phone: 716-308-8220(Tel)
Email: pgorton@niagaraengg.com
Project Name: Montgomery Street - Soil Project
Site: MONTGOMERY STREET SET

Sampler: PETER J. GORTON
Phone: 716-308-8220
PWSID:

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order Requested
WO #:
Project #: 48028639
SSOW#:

Lab PM: Beninati, John
E-Mail: John.Beninati@et.eurofinsus.com
Carrier Tracking No(s):
State of Origin:

COC No: 480-204076-41662.1
Page: Page 1 of 2
Job #:

Analysis Requested

Preservation Codes: N - None

480-228504 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D, 7471B, 8270D	Total Number of conta	Special Instructions/Note:
			Preservation Code:				N		
BH-27 3-6 Feet	4-3-25	810	G	Solid			X		
BH-29 2-5 Feet		820		Solid			X		
BH-30 2-5 Feet		850		Solid			X		
BH-31 2-3 Feet		900		Solid			X		HOLD
BH 32 2-3 Feet		915		Solid			X		HOLD
BH 33 2-4 Feet		930		Solid			X		
BH 34 1-3 Feet		947		Solid			X		
BH 36 2-4 Feet		1000		Solid			X		
BH 37 2-4 Feet		1030		Solid			X		
BH 38 2-4 Feet		1040		Solid			X		HOLD
				Solid					

Other:

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify) NORMAL NO SPECIAL

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: Time: Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Peter Gorton	4/5/25 1030	NIAGARA			
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 4/5/25 1030	Company THAD

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.0 I CF IR# SC

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Niagara Engineering, DPC

Job Number: 480-228504-2

Login Number: 228504
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0 ICE IR# SC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Niagara
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Niagara Engineering, DPC

Job Number: 480-228504-2

Login Number: 228504
List Number: 2
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.