

**LIMITED PHASE II ENVIRONMENTAL ASSESSMENT
519 HAGAN AVENUE
NEW ORLEANS, LOUISIANA
PROJECT #8425**

**BY
ENVIRONMENTAL AUDITORS OF AMERICA
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September 22, 2023

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1.0 PROJECT BACKGROUND

Environmental Auditors of America (EAA) was retained by Mr. Michael Carter with Gulf Coast Bank to investigate the subsurface integrity of the property located at 519 Hagan Avenue in New Orleans, Louisiana within Orleans Parish. The purpose of the project was to determine if the subsurface of the subject site has been adversely impacted by current or past activities at the subject property.

1.1 Scope of Work

The agreed upon scope of work for the project included:

- Extract four (4) subsurface soil samples from selected locations at the project site.
- Analyze the samples extracted for Total Petroleum Hydrocarbons (TPH) quantified as Gasoline (TPH-GRO), Diesel (TPH-DRO), Oil (TPH-ORO), Benzene, Toluene, Ethylbenzene, Xylene (BTEX), Methyl Tertiary Butyl Ether (MTBE) and Resource Conservation Recover Act (RCRA) Metals through appropriate testing methodologies and report these results.

1.2 Level of Investigative Effort

The client was interested in the substantiation through test results of the condition of the subsurface soil integrity of the subject property. The project was conducted by Mr. Tim Hicks, Environmental Geologist and Mr. Joel Snodgrass, Environmental Professional.

1.3 Time Frame

The complete time frame from the date of the client's request to submitting the written report was approximately twenty five working days.

2.0 SOIL QUANTITATIVE FINDINGS

2.1 Sampling Methodology

EAA subcontracted Crescent Geotechnical Services, Inc., a Louisiana Department of Natural Resources (DNR) licensed drilling contractor, to install four (4) Geoprobe soil borings on August 25, 2023. Soil Borings B-1 through B-4 were installed with a Geoprobe Sampling System.

Boring B-1 was drilled to a maximum of sixteen feet (16') below the ground surface (BGS) because initial groundwater was encountered at approximately thirteen feet (13') BGS. Because initial groundwater was encountered between seven and nine feet (7-9') BGS in borings B-2 through B-4, these borings were drilled to a maximum of twelve feet (12') BGS. The borings were sampled continuously utilizing four foot plastic Geoprobe tubes.

Field samples were collected in two foot increments and containerized, allowed to volatile for approximately fifteen minutes and then field screened using a Photoionization Detector (PID) for volatile content. One laboratory sample was collected from each boring location at the most likely interval of contamination, either the highest PID reading or the soil/groundwater interface.

The samples were placed in clean laboratory supplied containers and labeled with the date, sample identification, time of extraction and type of analysis requested. The samples were preserved on ice and delivered to the testing laboratory after the completion of the sampling activities.

Between each boring location, the Geoprobe drilling equipment was decontaminated utilizing Alconox soap and flushed with deionized water. The bore holes were filled with cement and bentonite to the ground surface and hydrated following completion of the soil sampling activities.

2.2 Sample Locations

Four (4) subsurface soil borings were completed on site. Boring B-1 was completed in the grass covered parking area on the north side of the subject property building. Historically, this area has been utilized as storage for vehicles to be repaired and with that, potentially a storage area for hydrocarbon materials.

Boring B-2 was completed near the southeastern corner of the former UST bed and dispenser island, which was visible from indications of cuts in the concrete and UST Closure report. Boring B-3 was completed near the northeastern corner of the UST bed.

Boring B-4 was completed inside of the workshop near the former in-ground hydraulic lift. The latitude and longitude of the exterior boring locations were recorded with a handheld GPS device. The following table shows the latitude and longitude of each of the exterior boring locations and a boring location map is included at the end of this report.

| Boring Locations GPS Latitude/Longitude | |
|--|--------------------------------------|
| Sample ID | Latitude Longitude |
| B-1 | N 29° 58' 25.10" W 90° 05' 26.59" |
| B-2 | N 29° 58' 24.10" W 90° 05' 26.98" |
| B-3 | N 29° 58' 24.56" W 90° 05' 26.67" |
| B-4 | Interior of building |

2.3 Sample Collection Observation

The lithologic descriptions of the subsurface soils observed during the sampling on site were similar. In general, firm gray silty clay was encountered to the initial groundwater depth, which exhibited a soft gray silty clay. Boring B-1 had shell fragments and organic material from the zero to two feet (0-2') BGS and borings B-2 through B-4 had approximately three to four inches (3-4") of concrete. Mild hydrocarbon odors were encountered in the near surface samples of Boring B-2.

Initial groundwater was encountered at approximately thirteen feet (13') below ground surface (BGS) in Boring B-1, seven to eight feet (7-8') in Boring B-2 and eight to nine feet (8-9') in Borings B-3 and B-4. A sample was extracted from immediately above the soil/groundwater interface in Boring B-1 (12-13' BGS), highest PID result in Boring B-2 (110 parts per million) and immediately above the soil/groundwater interface (7-8' BGS) in Borings B-3 and B-4. Boring logs describing the soils encountered, soil/groundwater interface, sample collected depth and PID results is included at the end of this report.

2.4 Testing Methodology

The samples were delivered to Environmental Analytical Solutions, Inc. (EASI) under chain of custody. The samples were analyzed for Total Petroleum Hydrocarbons (TPH) quantified as Gasoline (TPH-GRO), Diesel (TPH-DRO), Oil (TPH-ORO), Benzene, Toluene, Ethylbenzene, Xylene (BTEX), Methyl Tertiary Butyl Ether (MTBE) and RCRA Metals.

Total Petroleum Hydrocarbon (TPH) scans were performed utilizing the *Test Methods for Evaluating Solid Wastes*, Physical Chemical Methods, USEPA, SW-846, utilizing Method Number 8015B Mod. BTEX and MTBE scans utilized Method Number 8260B, Arsenic, Barium, Cadmium, Chromium, Lead, Selenium and Silver utilized Method Number 6010 and Mercury utilized Method Number 7471.

2.5 Analytical Results

Analytical results revealed that all of the samples from Borings B-1, B-3 and B-4 were either below the quantitation limit (BQL) of detection or well below the Louisiana DEQ's Risk Evaluation Corrective Action Program (RECAP) most restrictive screening standards. With exception to TPH-GRO and Lead concentration, constituents from Boring B-2 were also found to be either BQL or below the most restrictive screening standards. The following table summarizes the analytical results and compares them to the Louisiana DEQ's RECAP most restrictive screening standard.

| Soil Analytical Results TPH, BTEX, MTBE and RCRA Metals (mg/kg) | | | | | |
|---|-----------------|--------|--------|--------|-------|
| Sample ID | B-1 | B-2 | B-3 | B-4 | SS |
| Date Sampled | August 23, 2023 | | | | |
| Time Sampled | 0928 | 0943 | 1024 | 1133 | |
| Depth Sampled (ft BGS) | 12-14 | 2-4 | 6-8 | 6-8 | |
| Total Petroleum Hydrocarbons/VPH | | | | | |
| TPH-GRO | <25 | 505 | <25 | <25 | 65 |
| TPH-DRO | <50 | <50 | <50 | <50 | 65 |
| TPH-ORO | <100 | <100 | <100 | <100 | 180 |
| BTEX/MTBE | | | | | |
| Benzene | <0.005 | <0.005 | <0.005 | <0.005 | 0.051 |
| Toluene | <0.005 | <0.005 | <0.005 | <0.005 | 20 |
| Ethylbenzene | <0.005 | <0.005 | <0.005 | <0.005 | 19 |
| Xylene | <0.005 | <0.005 | <0.005 | <0.005 | 18 |
| Methyl Tertiary Butyl Ether | <0.005 | <0.005 | <0.005 | <0.005 | 0.077 |
| RCRA Metals | | | | | |
| Arsenic | 2.0 | 5.3 | 10.1 | 6.1 | 12 |
| Barium | 143 | 116 | 60 | 134 | 550 |
| Cadmium | <0.36 | 0.49 | <0.45 | <0.37 | 3.9 |
| Chromium | 15.3 | 10.2 | 6.2 | 14.8 | 23 |
| Lead | 27.6 | 120 | 25.3 | 10.9 | 100 |
| Selenium | <1.4 | <1.6 | <1.8 | <1.5 | 20 |
| Silver | <0.72 | 0.78 | <0.89 | <0.74 | 39 |
| Mercury | 0.036 | 0.92 | 0.067 | <0.019 | 2.3 |

TPH = Total Petroleum Hydrocarbons
 VPH = Volatile Petroleum Hydrocarbons
 BTEX = Benzene, Toluene, Ethylbenzene and Xylene
 MTBE = Methyl Tertiary Butyl Ether
 RCRA = Resource Conservation Recovery Act
 TPH-GRO = TPH Gasoline Range Organics
 TPH-DRO = TPH Diesel Range Organics
 TPH-ORO = TPH Oil Range Organics
 mg/kg = milligrams per kilogram
 SS = most restrictive screening standard
 Bold = Result is above the SS

Due to the TPH-GRO results of Sample B-2, additional analysis of Volatile Petroleum Hydrocarbons (VPH) was conducted on this sample. According to the Louisiana DEQ RECAP guidelines, VPH analysis supersedes the results of TPH analysis. The following table summarizes the results of the VPH analysis and compares them to the RECAP most restrictive screening standards.

| Soil Analytical Results | | |
|---------------------------------|-----------------|-------|
| Volatile Petroleum Hydrocarbons | | |
| (mg/kg) | | |
| Sample ID | B-2 | SS |
| Date Sampled | August 25, 2023 | |
| Time Sampled | 0943 | |
| Depth Sampled | 2-4 | |
| VPH | | |
| Aliphatic C6-C8 | 9.6 | 1,200 |
| Aliphatic C8-C10 | 38.4 | 120 |
| Aromatic C8-C10 | 8.3 | 65 |

mg/kg = milligrams per kilogram
SS = most restrictive screening standard
Bold = Result is above the SS

Volatile Petroleum Hydrocarbon analysis reveals that each of the TPH fractions are well below their respective most restrictive screening standards. Because these results are below their SS and VPH analysis supersedes the TPH results, these findings are within the Louisiana DEQ standards.

Due to the Lead concentration of 120 mg/kg exceeding the most restrictive screening standard of 100 mg/kg in Sample B-2, additional analysis of Synthetic Precipitation Leaching Procedure (SPLP) Lead was conducted on Sample B-2. According to RECAP guidelines, the SPLP Lead results are then compared to Groundwater 1 (GW₁) screening standard multiplied by a factor of 20 (GW₁ x 20). If the SPLP results are below the GW₁ x 20 standard, then the sample is protective of groundwater and the less restrictive soil nonindustrial (Soil_{ni}) standard may be used. The following table summarizes the SPLP analysis and compares it to the GW₁ x 20 standard.

| SPLP Analytical Results | | |
|--------------------------------|-------|----------------------|
| Lead | | |
| (mg/L) | | |
| Sample ID | B-2 | GW ₁ x 20 |
| Lead | 0.053 | 0.30 |

SPLP = Synthetic Precipitation Leaching Procedure
mg/L = milligrams per liter
GW₁ x 20 = GW₁ Standard (0.015 mg/L) multiplied by a factor of 20

Because the SPLP Analysis results are below the $GW_1 \times 20$ standard, the Lead in soil from B-2 is protective of groundwater and the $Soil_{ni}$ standard may be used to screen the Lead concentration results. The following table compares the B-2 Lead soil analytical results and compares them to the $Soil_{ni}$ standard for Lead.

| Soil Analytical Results | | |
|-------------------------|-----------------|-------------|
| Lead (mg/kg) | | |
| Sample ID | B-2 | $Soil_{ni}$ |
| Date Sampled | August 25, 2023 | |
| Time Sampled | 0943 | |
| Depth Sampled | 2-4 | |
| Lead | 120 | |
| | | 400 |

mg/kg = milligrams per kilogram
 $Soil_{ni}$ = Nonindustrial Soil screening standard

Based on the SPLP results and because the Lead result is below the $Soil_{ni}$ standard, these findings are within the Louisiana DEQ standards.

The analytical results and chain of custody can be found in Appendix B.

3.0 SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

3.1 Summary

A Phase II Environmental Site Assessment was performed on the subject property. Four subsurface borings were completed on site. Boring B-1 was completed to a depth of sixteen feet (16') and Borings B-2 through B-4 were completed to a maximum depth of twelve feet (12') BGS. The initial soil/groundwater interface was encountered at approximately thirteen to fourteen feet (13-14') BGS in Boring B-1, seven to eight feet (7-8') BGS in Boring B-2 and eight to nine feet (8-9') BGS in Borings B-3 and B-4. The soil samples were field screened in two foot increments and one soil sample was collected from the soil/groundwater interface in Borings B-1, B-3 and B-4. One soil sample was collected from Boring B-2 in the interval (2-4' BGS) of the highest field screening result.

Based on the historic usage of the site as a filling station and automotive repair facility, all samples were analyzed for Total Petroleum Hydrocarbons quantified as Gasoline (TPH-GRO), Diesel (TPH-DRO), Oil (TPH-ORO), Benzene, Toluene, Ethylbenzene, Xylene (BTEX), Methyl Tertiary Butyl Ether (MTBE) and Resource Conservation Recovery Act (RCRA Metals). Based on slightly elevated analytical results of TPH-GRO and Lead in Sample B-2, additional analyses of Volatile Petroleum Hydrocarbon (VPH) and Synthetic Precipitation Leaching Procedure (SPLP) Lead was conducted on this sample.

Results revealed that all constituents were below either the detection limit or below the most restrictive screening standards in Samples B-1, B-3 and B-4. Results revealed that than in Sample B-2, TPH-GRO and Lead concentrations were found to be above their most restrictive standards. Based on these findings, additional analysis of VPH and SPLP Lead were conducted on Sample B-2. The results of these additional analyses reveal that the VPH fractions are below their most restrictive screening standards and that Lead is below the Soil_{ni} screening standard.

3.2 Conclusions

Analytical results of the samples extracted from the subject property during this investigation suggest that subsurface soils in the area of Sample B-2 are above the current Louisiana Department of Environmental Quality (DEQ) Risk Evaluation and Corrective Action Program (RECAP) most restrictive screening standards for Total Petroleum Hydrocarbons quantified as Gasoline (TPH-GRO) and Lead. However, further analyses of VPH and SPLP reveal that these levels are below the nonindustrial (residential) standard for soils established by the DEQ. All other target analyses were below the DEQ RECAP screening standards.

3.3 Recommendations

It is the professional judgement of EAA that the following recommendations are considered to ensure the environmental integrity of the site and to become or remain in environmental compliance.

No further subsurface investigations are recommended for this site at this time.

SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Services performed under this contract were conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions.

In preparing this report, Environmental Auditors of America (EAA) has relied on information derived from secondary sources and personal interviews. Except as set forth in this report, EAA has made no independent investigation as to the accuracy or completeness of the information derived from the secondary sources and personal interviews and has assumed that such information was accurate and complete.

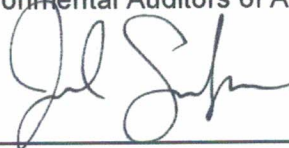
The undersigned declare that, to the best of our knowledge professional knowledge and belief, we meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR Part 312.

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

This report prepared by and all data accumulated from all sources by:



Timothy Hicks
Environmental Geologist
Environmental Auditors of America



Joel Snodgrass
Environmental Professional
Environmental Auditors of America

APPENDIX A
SOIL SAMPLE LOCATIONS MAP



= Boring Location

Map Title:

Boring Location
Map

September 15, 2023

Prepared for:

519 Hagan Avenue
New Orleans, Louisiana
Project # 8425



ENVIRONMENTAL AUDITORS
OF AMERICA

APPENDIX B
ANALYTICAL RESULTS / CHAIN OF CUSTODY

EASI Job Number: 66166

Laboratory Report prepared for:

ENVIRONMENTAL AUDITORS, LLC

205 Avenue G
Belle Chasse, LA 70037

Attention: Mr. Joel Snodgrass

RE: Hagan Avenue

Report Narrative

On August 25, 2023 four (4) sample was received for analytical characterization. On September 8, 2023, the client requested additional analysis for SPLP Lead on sample labeled "B2". Sample results are shown on the following pages. The quality assurance / quality control data are attached to the report. If you have any questions regarding this report, please contact me at your convenience.

APPROVED BY: _____



Mike Antoine
Laboratory Director

DATE: 09/22/23

The results contained within this report relate only to the analyses conducted and to the samples received by the laboratory. The results also conform to current requirements of LAC 33:1, and NELAC unless noted. This report shall not be reproduced, except in full, without written approval of EASI, LLC. EASI, LLC New Orleans is accredited by the Louisiana Department of Environmental Quality, **LELAP Certificate number 02036**.

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Laboratory Report

Sample Identification: B-1
Sample Date: August 25, 2023
Sample Time: 0928
Laboratory Number: 6616601
Matrix: Soil

| Volatile Parameters | | CAS RN | Analysis Result | Analysis Units | PQL | Analysis Date/Time/Analyst |
|------------------------------------|-------|-----------------|-----------------|----------------|----------------------------|----------------------------|
| Benzene | | 71-43-2 | BQL | mg/kg | 0.005 | 090823/1217/JP |
| Toluene | | 108-88-3 | BQL | mg/kg | 0.005 | 090823/1217/JP |
| Ethyl benzene | | 100-41-4 | BQL | mg/kg | 0.005 | 090823/1217/JP |
| Xylene | | 1330-20-7 | BQL | mg/kg | 0.005 | 090823/1217/JP |
| MTBE | | 1634-04-4 | BQL | mg/kg | 0.005 | 090823/1217/JP |
| Surrogates | % Rec | | | | | |
| Dibromofluoromethane | 100 | | | | | |
| Toluene, d8 | 99 | | | | | |
| 4-Bromofluorobenzene | 101 | | | | | |
| Total Petroleum Hydrocarbons (TPH) | | Analysis Result | Analysis Units | PQL | Analysis Date/Time/Analyst | |
| TPH-GRO | | BQL | mg/kg | 25.0 | 090323/1828/MA | |
| TPH-DRO | | BQL | mg/kg | 50.0 | 090323/1828/MA | |
| TPH-ORO | | BQL | mg/kg | 100 | 090323/1828/MA | |
| Total Metal Parameters | | Analysis Result | Analysis Units | PQL | Analysis Date/Time/Analyst | |
| Arsenic | | 2.0 | mg/kg | 0.72 | 083023/1839/AS | |
| Barium | | 143 | mg/kg | 14.5 | 083023/1839/AS | |
| Cadmium | | BQL | mg/kg | 0.36 | 083023/1839/AS | |
| Chromium | | 15.3 | mg/kg | 0.72 | 083023/1839/AS | |
| Lead | | 27.6 | mg/kg | 0.36 | 083023/1839/AS | |
| Selenium | | BQL | mg/kg | 1.4 | 083023/1839/AS | |
| Silver | | BQL | mg/kg | 0.72 | 083023/1839/AS | |
| Mercury | | 0.036 | mg/kg | 0.013 | 083023/1541/AW | |

Laboratory Report

Sample Identification: B-2
Sample Date: August 25, 2023
Sample Time: 0943
Laboratory Number: 6616602
Matrix: Soil

| Volatile Parameters | | CAS RN | Analysis Result | Analysis Units | PQL | Analysis Date/Time/Analyst |
|------------------------------------|-------|-----------------|-----------------|----------------|----------------------------|----------------------------|
| Benzene | | 71-43-2 | BQL | mg/kg | 0.005 | 090823/1320/JP |
| Toluene | | 108-88-3 | BQL | mg/kg | 0.005 | 090823/1320/JP |
| Ethyl benzene | | 100-41-4 | BQL | mg/kg | 0.005 | 090823/1320/JP |
| Xylene | | 1330-20-7 | BQL | mg/kg | 0.005 | 090823/1320/JP |
| MTBE | | 1634-04-4 | BQL | mg/kg | 0.005 | 090823/1320/JP |
| Surrogates | % Rec | | | | | |
| Dibromofluoromethane | 100 | | | | | |
| Toluene, d8 | 100 | | | | | |
| 4-Bromofluorobenzene | 101 | | | | | |
| Total Petroleum Hydrocarbons (TPH) | | Analysis Result | Analysis Units | PQL | Analysis Date/Time/Analyst | |
| TPH-GRO | | 505 | mg/kg | 50.0 | 090323/2109/MA | |
| TPH-DRO | | BQL | mg/kg | 50.0 | 090323/2109/MA | |
| TPH-ORO | | BQL | mg/kg | 100 | 090323/2109/MA | |
| Total Metal Parameters | | Analysis Result | Analysis Units | PQL | Analysis Date/Time/Analyst | |
| Arsenic | | 5.3 | mg/kg | 0.78 | 083023/1843/AS | |
| Barium | | 116 | mg/kg | 15.6 | 083023/1843/AS | |
| Cadmium | | 0.49 | mg/kg | 0.39 | 083023/1843/AS | |
| Chromium | | 10.2 | mg/kg | 0.78 | 083023/1843/AS | |
| Lead | | 120 | mg/kg | 0.39 | 083023/1843/AS | |
| Selenium | | BQL | mg/kg | 1.6 | 083023/1843/AS | |
| Silver | | BQL | mg/kg | 0.78 | 083023/1843/AS | |
| Mercury | | 0.92 | mg/kg | 0.033 | 083023/1648/AW | |
| SPLP Parameters | | Analysis Result | Analysis Units | PQL | Analysis Date/Time/Analyst | |
| SPLP Lead | | 0.053 | mg/l | 0.0050 | 091923/1839/AS | |
| VPH Parameter | | Analysis Result | Analysis Units | PQL | Analysis Date/Time/Analyst | |
| Aliphatic (C06-C08) | | 9.6 | mg/kg | 4.2 | 090623/1511/SK | |
| Aliphatic (> C08-C10) | | 38.4 | mg/kg | 3.5 | 090623/1511/SK | |
| Aromatic (> C08-C10) | | 8.3 | mg/kg | 3.5 | 090623/1511/SK | |
| Surrogates | % Rec | Prepped Date | | | | |
| 4-Bromofluorobenzene | 117 | 090623 | | | | |

Laboratory Report

Sample Identification: B-3
Sample Date: August 25, 2023
Sample Time: 1024
Laboratory Number: 6616603
Matrix: Soil

| Volatile Parameters | CAS RN | Analysis Result | Analysis Units | PQL | Analysis Date/Time/Analyst |
|---------------------|-----------|-----------------|----------------|-------|----------------------------|
| Benzene | 71-43-2 | BQL | mg/kg | 0.005 | 090823/1238/JP |
| Toluene | 108-88-3 | BQL | mg/kg | 0.005 | 090823/1238/JP |
| Ethyl benzene | 100-41-4 | BQL | mg/kg | 0.005 | 090823/1238/JP |
| Xylene | 1330-20-7 | BQL | mg/kg | 0.005 | 090823/1238/JP |
| MTBE | 1634-04-4 | BQL | mg/kg | 0.005 | 090823/1238/JP |

| Surrogates | % Rec |
|----------------------|-------|
| Dibromofluoromethane | 103 |
| Toluene, d8 | 98 |
| 4-Bromofluorobenzene | 120 |

| Total Petroleum Hydrocarbons (TPH) | Analysis Result | Analysis Units | PQL | Analysis Date/Time/Analyst |
|------------------------------------|-----------------|----------------|------|----------------------------|
| TPH-GRO | BQL | mg/kg | 25.0 | 090323/1908/MA |
| TPH-DRO | BQL | mg/kg | 50.0 | 090323/1908/MA |
| TPH-ORO | BQL | mg/kg | 100 | 090323/1908/MA |

| Total Metal Parameters | Analysis Result | Analysis Units | PQL | Analysis Date/Time/Analyst |
|------------------------|-----------------|----------------|-------|----------------------------|
| Arsenic | 10.1 | mg/kg | 0.89 | 083023/1847/AS |
| Barium | 60.0 | mg/kg | 17.9 | 083023/1847/AS |
| Cadmium | BQL | mg/kg | 0.45 | 083023/1847/AS |
| Chromium | 6.2 | mg/kg | 0.89 | 083023/1847/AS |
| Lead | 25.3 | mg/kg | 0.45 | 083023/1847/AS |
| Selenium | BQL | mg/kg | 1.8 | 083023/1847/AS |
| Silver | BQL | mg/kg | 0.89 | 083023/1847/AS |
| Mercury | 0.067 | mg/kg | 0.019 | 083023/1545/AW |

Laboratory Report

Sample Identification: B-4
Sample Date: August 25, 2023
Sample Time: 1133
Laboratory Number: 6616604
Matrix: Soil

| Volatile Parameters | CAS RN | Analysis Result | Analysis Units | PQL | Analysis Date/Time/Analyst |
|---------------------|-----------|-----------------|----------------|-------|----------------------------|
| Benzene | 71-43-2 | BQL | mg/kg | 0.005 | 090823/1259/JP |
| Toluene | 108-88-3 | BQL | mg/kg | 0.005 | 090823/1259/JP |
| Ethyl benzene | 100-41-4 | BQL | mg/kg | 0.005 | 090823/1259/JP |
| Xylene | 1330-20-7 | BQL | mg/kg | 0.005 | 090823/1259/JP |
| MTBE | 1634-04-4 | BQL | mg/kg | 0.005 | 090823/1259/JP |

| Surrogates | % Rec |
|----------------------|-------|
| Dibromofluoromethane | 102 |
| Toluene, d8 | 101 |
| 4-Bromofluorobenzene | 101 |

| Total Petroleum Hydrocarbons (TPH) | Analysis Result | Analysis Units | PQL | Analysis Date/Time/Analyst |
|------------------------------------|-----------------|----------------|------|----------------------------|
| TPH-GRO | BQL | mg/kg | 25.0 | 090323/1948/MA |
| TPH-DRO | BQL | mg/kg | 50.0 | 090323/1948/MA |
| TPH-ORO | BQL | mg/kg | 100 | 090323/1948/MA |

| Total Metal Parameters | Analysis Result | Analysis Units | PQL | Analysis Date/Time/Analyst |
|------------------------|-----------------|----------------|-------|----------------------------|
| Arsenic | 6.1 | mg/kg | 0.74 | 083023/1851/AS |
| Barium | 134 | mg/kg | 14.7 | 083023/1851/AS |
| Cadmium | BQL | mg/kg | 0.37 | 083023/1851/AS |
| Chromium | 14.8 | mg/kg | 0.74 | 083023/1851/AS |
| Lead | 10.9 | mg/kg | 0.37 | 083023/1851/AS |
| Selenium | BQL | mg/kg | 1.5 | 083023/1851/AS |
| Silver | BQL | mg/kg | 0.74 | 083023/1851/AS |
| Mercury | BQL | mg/kg | 0.019 | 083023/1553/AW |

Methodology

Job Number: 66166

Reference: Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, USEPA, SW-846.

| Parameter | Method |
|-----------------|-----------|
| SPLP | 1312 |
| BTEX/MTBE | 8260B |
| TPH-GRO/DRO/ORO | 8015B Mod |
| Arsenic* | 6010 |
| Barium* | 6010 |
| Cadmium* | 6010 |
| Chromium* | 6010 |
| Lead* | 6010 |
| Selenium* | 6010 |
| Silver* | 6010 |
| Mercury* | 7471 |

Reference: Massachusetts Department of Environmental Protection.
"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods",
Third Edition, November 1986 and its updates.

| Parameter | Method |
|-----------|-------------------|
| VPH* | Modified LA RECAP |

* Subcontracted to Pace Analytical Services, LLC, LELAP Certification #02006

Quality Assurance/ Quality Control

Job Number: 66166

| Parameter | QC Batch ID | Method Blank Result ppb | Spike Added ppb | LCS % Rec. |
|----------------------|----------------|-------------------------------|-----------------------|---------------|
| Benzene | 1427904 | BQL | 50.0 | 92 |
| Toluene | 1427904 | BQL | 50.0 | 95 |
| Ethylbenzene | 1427904 | BQL | 50.0 | 100 |
| Xylene | 1427904 | BQL | 50.0 | 101 |
| MTBE | 1427904 | BQL | 50.0 | 97 |
| Parameter | QC Batch ID | Method Blank Result ppm | Spike Added ppm | LCS % Rec. |
| TPH-GRO | 090323 | BQL | 500 | 96 |
| Parameter | QC Batch ID | Method Blank Result ppm | Spike Added ppm | LCS % Rec. |
| Mercury | 1421193 | BQL | 0.1 | 82 |
| Arsenic | 1421189 | BQL | 100 | 91 |
| Barium | 1421189 | BQL | 100 | 93 |
| Cadmium | 1421189 | BQL | 100 | 96 |
| Chromium | 1421189 | BQL | 100 | 100 |
| Lead | 1421189 | BQL | 100 | 94 |
| Lead | 1434585 | BQL | 1 | 96 |
| Selenium | 1421189 | BQL | 100 | 94 |
| Silver | 1421189 | BQL | 50 | 96 |
| Parameter | QC Batch ID | Method Blank Result ppm | Spike Added ppm | LCS % Rec. |
| Aliphatic (>C08-C10) | 1426335 | BQL | 14 | 89 |
| Aliphatic (>C06-C08) | 1426335 | BQL | 14 | 93 |
| Aromatic (>C08-C10) | 1426335 | BQL | 14 | 93 |

BQL-Below Quantitation Limit

Chain of Custody and Analysis Request

Company Confidential and Proprietary

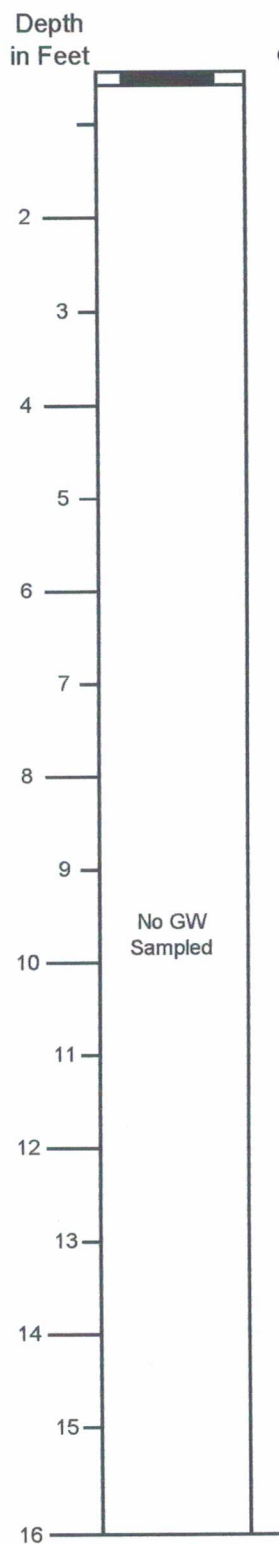
Page 1 of 1

| EASI Job Number 66166 | | Project Reference/Client PO Number #8425 | | Sample Preservatives (use preservative code) | | Preservatives: A - <6°C B - H ₂ SO ₄ , <6°C C - HCl, <6°C D - HNO ₃ , <6°C E - NaOH, <6°C F - Na ₂ S ₂ O ₃ , <6°C G - NaOH/C ₆ H ₈ O ₄ Zn, <6°C H - Encore Sampler, <6°C * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Client/Billing Information <div style="text-align: center;">EAA Ref: Hagan Avenue</div> | | | | Analyses Requested | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Regulatory Information (Check all that apply) <input type="checkbox"/> Wastewater <input type="checkbox"/> Stormwater <input type="checkbox"/> Non-Regulatory <input type="checkbox"/> RCRA <input type="checkbox"/> UST <input type="checkbox"/> Groundwater <input type="checkbox"/> Drinking Water <input type="checkbox"/> RECAP </div> <div style="width: 50%;"> Requested Turnaround <input type="checkbox"/> Standard Turnaround <input type="checkbox"/> Rush (surcharges may apply) Due Date: _____ </div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Lab ID</th> <th colspan="2">Collected</th> <th rowspan="2">Client Sample ID</th> <th rowspan="2">Number of Containers</th> <th rowspan="2">Composite or Grab (C or G)</th> <th rowspan="2">Matrix (use matrix code)</th> <th colspan="8">Analyses Requested</th> <th rowspan="2">Comments</th> </tr> <tr> <th>Date</th> <th>Time</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> <th>G</th> <th>H</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>8/25/23</td> <td>9:28</td> <td>B-1</td> <td>1</td> <td>G</td> <td>S</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> </tr> <tr> <td>02</td> <td>8/25/23</td> <td>9:43</td> <td>B-2</td> <td>1</td> <td>G</td> <td>S</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> </tr> <tr> <td>03</td> <td>8/25/23</td> <td>10:24</td> <td>B-3</td> <td>1</td> <td>G</td> <td>S</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> </tr> <tr> <td>04</td> <td>8/25/23</td> <td>11:33</td> <td>B-4</td> <td>1</td> <td>G</td> <td>S</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> | | Lab ID | Collected | | Client Sample ID | Number of Containers | Composite or Grab (C or G) | Matrix (use matrix code) | Analyses Requested | | | | | | | | Comments | Date | Time | A | B | C | D | E | F | G | H | 01 | 8/25/23 | 9:28 | B-1 | 1 | G | S | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | 02 | 8/25/23 | 9:43 | B-2 | 1 | G | S | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | 03 | 8/25/23 | 10:24 | B-3 | 1 | G | S | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | 04 | 8/25/23 | 11:33 | B-4 | 1 | G | S | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Matrices: AQ- Aqueous/Water S- Soil/Sediment SL- Sludge SD- Solid/Bulk OL- Oil/Organic A- Air (Tube, OVM, Bag) P- Paint Chips MF- Multiphase * | |
| Lab ID | Collected | | Client Sample ID | Number of Containers | | | | | Composite or Grab (C or G) | Matrix (use matrix code) | Analyses Requested | | | | | | | | Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 03 | 8/25/23 | 10:24 | B-3 | 1 | G | S | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Note: This document is a legal and binding agreement to transfer custody and perform the requested analyses, whereby client agrees, by signing this document to pay for services on terms of NET 30 days or other agreeable terms. | | | | | | Special Instructions, QC Requirements, Possible Hazard ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by | | Date/Time | | Received by | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by | | Date/Time | | Received by | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by | | Date/Time | | Received by | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler(s) | | Tim Hicks / Joel Sanders | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Note: Client should review all relevant sample receipt information upon receipt of final lab report to ensure Data Quality Objectives of project/permit are achieved. Separate sheet may be used to record notes and/or resolution to non-compliant (compromised) samples. Refer to EASI's Sample Acceptance Policy, available upon request. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample Receipt Information (To be completed by EASI upon receipt of samples) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. How samples received? Client/courier delivery, Iced? <input checked="" type="checkbox"/> Yes No Field pick-up, Iced? Yes No If no, Iced upon receipt? Yes No Collected by EASI, Iced? Yes No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Sample temp upon receipt at lab 9.4 °C determined by IR1/IR2 Note: Samples requiring thermal preservation are acceptable if temp is >0° to 6° C or arrive iced on day of collection. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Placement and condition of custody seals, if present | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. COC properly completed, received in good condition and signed? <input checked="" type="checkbox"/> Yes No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Samples uniquely identified and labels/IDs legible? <input checked="" type="checkbox"/> Yes No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. COC and labels/IDs agree? <input checked="" type="checkbox"/> Yes No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. Appropriate containers used and sufficient quantity received? <input checked="" type="checkbox"/> Yes No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. Samples within holding times? <input checked="" type="checkbox"/> Yes No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. Samples requiring chemical preservation appropriately preserved? <input checked="" type="checkbox"/> Yes No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10. VOA vials free of bubbles >1/4" (6 mm)? <input checked="" type="checkbox"/> Yes No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Completed By/Date/Time TD/8-25-23/1415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

APPENDIX C
BORING LOGS

Boring Log

B-1



GW Sample Info

Depth in Feet

Soil Description

PID
PPM

| | | | |
|----|--|--|----|
| | | Shells & Gray Sandy Soil w/Bricks & Organics | 0 |
| 2 | | | |
| 3 | | Brown/Gray Firm Silty Clay | 0 |
| 4 | | | |
| 5 | | | 10 |
| 6 | | | |
| 7 | | | 5 |
| 8 | | Firm Gray Silty Clay | |
| 9 | | | 0 |
| 10 | | | |
| 11 | | | 0 |
| 12 | | | |
| 13 | | Firm to Soft Gray Silty Clay | 10 |
| 14 | | | |
| 15 | | Firm Gray Silty Clay | 0 |
| 16 | | | |

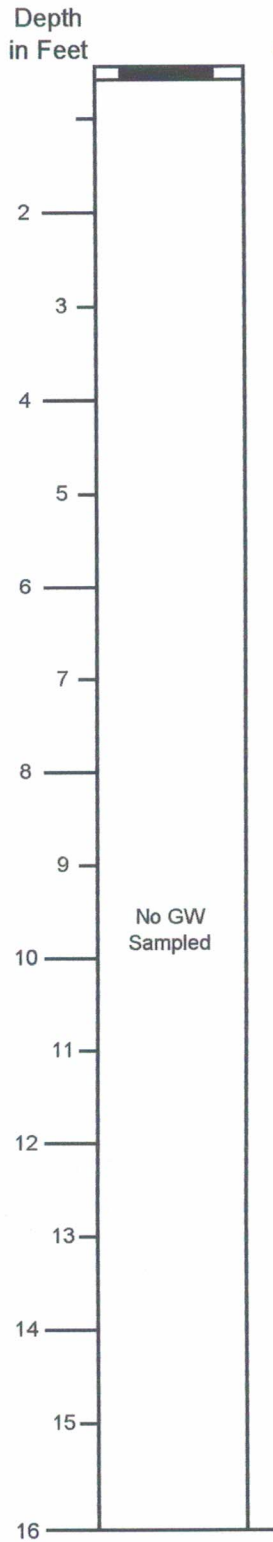
ST
B-1
0928

▼ = approximate groundwater
ST = Sample Taken

Start 25-Aug-23
P&A 25-Aug-23

Boring Log

B-2



GW Sample Info

Depth in Feet

Soil Description

PID
PPM

| | | | |
|----|--|--------------------------------------|-----|
| | | Concrete, Shells and Gray Silty Clay | 25 |
| 2 | | | |
| 3 | | Firm Gray Silty Clay | 110 |
| 4 | | | |
| 5 | | Firm Gray Silty Clay | 40 |
| 6 | | | |
| 7 | | Firm to Soft Gray Silty Clay | 20 |
| 8 | | | |
| 9 | | Soft to Firm Gray Silty Clay | 20 |
| 10 | | | |
| 11 | | Firm Gray Silty Clay | 0 |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | | | |
| 16 | | | |

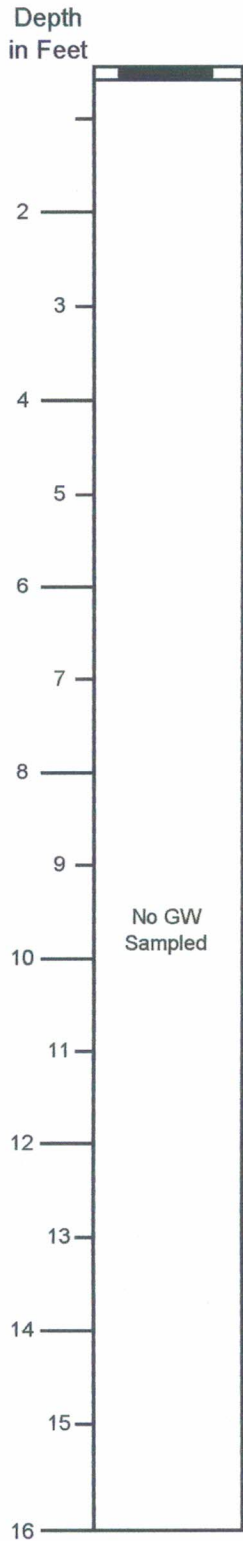
ST
B-2
0943

▼ = approximate groundwater
ST = Sample Taken

Start 25-Aug-23
P&A 25-Aug-23

Boring Log

B-3



GW Sample Info

Depth in Feet

Soil Description

PID
PPM

| | | | |
|----|---|------------------------------|----|
| | | Concrete, Shell Fragments | 0 |
| 2 | | Shell Fragments | |
| 3 | | | 30 |
| 4 | | | |
| 5 | | Firm Gray Silty Clay | 50 |
| 6 | | | |
| 7 | | | 40 |
| 8 | | | |
| 9 | ▼ | Soft to Firm Gray Silty Clay | 50 |
| 10 | | | |
| 11 | | Firm Gray Silty Clay | 50 |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | | | |
| 16 | | | |

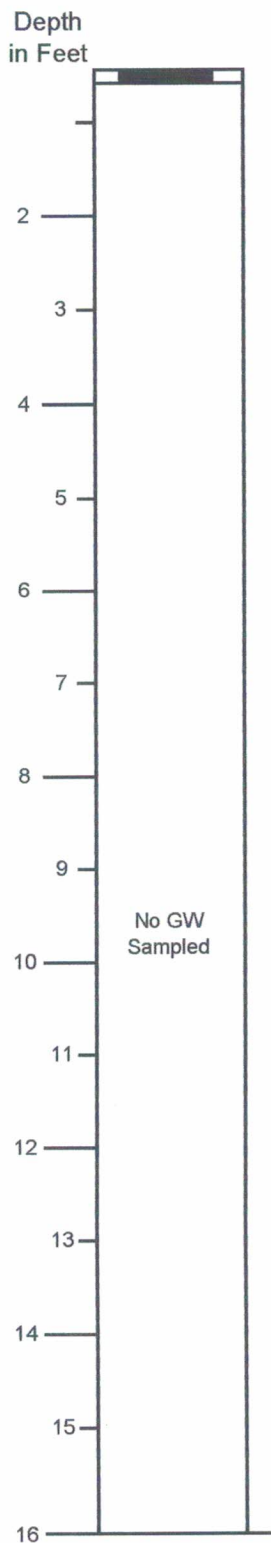
ST
B-3
1024

▼ = approximate groundwater
ST = Sample Taken

Start 25-Aug-23
P&A 25-Aug-23

Boring Log

B-4



GW Sample Info

Depth in Feet

Soil Description

PID
PPM

| | | |
|----|---------------------------------------|----|
| | Concrete, Shell Fragments & Fill Sand | 50 |
| 2 | | |
| 3 | | 30 |
| 4 | | |
| 5 | Firm Gray Silty Clay | 40 |
| 6 | | |
| 7 | | 40 |
| 8 | | |
| 9 | Soft to Firm Gray Silty Clay | 60 |
| 10 | | |
| 11 | Firm Gray Silty Clay | 50 |
| 12 | | |
| 13 | | |
| 14 | | |
| 15 | | |
| 16 | | |

ST
B-4
1133

▼ = approximate groundwater
ST = Sample Taken

Start 25-Aug-23
P&A 25-Aug-23