2025 Periodic Review Report
(Reporting Period: April 30, 2024, to April 30, 2025)

Location:

ExxonMobil Oil Former Buffalo Terminal OU-2 East
503/555/625 Elk Street, Buffalo, New York
NYSDEC Site No. C915201B

Prepared for:

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May 2025

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1.0 EXECUTIVE SUMMARY

This Periodic Review Report (PRR) is a required element of the approved Site Management Plan (SMP) for Operable Unit No. 2 East (OU-2 East) of the ExxonMobil Oil Former Buffalo Terminal Site in Buffalo, New York, hereafter referred to as the "Site". The Site was remediated in accordance with Brownfield Cleanup Agreement (BCA) No. C915201B-08-17, which was executed in October 2017. The BCA was amended on January 14, 2019, and October 28, 2019.

1.1 Site Summary

The Site occupies approximately 33.45 acres including all or portions of three parcels located at 503, 555, and 625 Elk Street in the City of Buffalo, Erie County, New York. The Site consists of two properties: a mostly vacant 28.64-acre area, with the eastern portion owned by 555 ShotClub Social Buffalo and the western portion owned by 503 Elk Street, LLC; and a separate 4.8-acre area owned by Buckeye Terminals, LLC (Buckeye). The Site Management Plan (SMP) was updated on April 17, 2025, to reflect these ownership changes. The revised submission is currently under review by the DEC and is pending approval. Historically, the Site was part of a petroleum refinery and terminal that occupied approximately 89 acres of land extending from Elk Street southward to the Buffalo River. Petroleum refinery operations commenced circa 1880 at this location and most of the facility was acquired by Standard Oil Company, ExxonMobil's predecessor, in 1892. All refinery operations had ceased at the facility by 1981, but the facility continued to be utilized by ExxonMobil as a distribution terminal until 2005, when the remaining active petroleum storage and distribution terminal facilities were acquired by Buckeye.

Environmental investigations conducted at the Site revealed that contamination associated with historical operations had impacted the Site, necessitating remedial activities. The remedial activities were completed pursuant to the Brownfield Cleanup Program (BCP) with oversight by the New York State Department of Environmental Conservation (NYSDEC) and Department of Health (NYSDOH). Following completion of the remedial work described in the NYSDEC-approved Remedial Action Work Plan (RAWP), some contamination was left in the subsurface of the Site, which is hereafter referred to as "remaining contamination". The remedial efforts also included the development of a Site Management Plan to manage the remaining contamination at the Site in perpetuity or until extinguishment of the Environmental Easement that was placed on the Site, in accordance with Environmental Conservation Law (ECL) Article 71, Title 36.

1.2 Effectiveness of Remedial Program

Based on a recent inspection of the Site, the Site cover system is intact and functioning as designed on the Site. Quarterly groundwater sampling results indicated that dissolved lead was not detected above laboratory MDLs in any of the groundwater samples from the OU-2 East monitoring wells in June 2024, September 2024, December 2024, and March 2025 sampling events. Total lead was detected in MW-OU2-2 in December 2024 and MW-OU2-3 in March 2025 but not above the NYSDEC TOGS value of 0.025 mg/L. This data indicates that the Site remedy is effectively achieving the in-situ stabilization of contamination in Site soils.

1.3 Non-Compliance

No areas of non-compliance regarding the major elements of the SMP were identified during the reporting period and the preparation of this PRR.

1.4 Recommendations

Overall, the remedial program is viewed to be effective in achieving the remedial objectives for the Site. No changes to the SMP, the monitoring program, or the frequency of PRR submissions are recommended at this time.

2.0 SITE OVERVIEW

The Site is zoned industrial, encompassing approximately 33.45 acres consisting of all or portions of three parcels located at 503, 555, and 625 Elk Street in the City of Buffalo, Erie County, New York (see Figure 1). As shown in Figure 2, the Site is bounded by Elk Street to the north, Operable Unit – 3 (OU-3) to the south (beyond which is the Buffalo River), an industrial property to the east, and OU-2 West to the west.

OU-2 East is comprised of two properties, including a mostly vacant 28.64 area owned by 503 Elk Street LLC and 555 Elk Street, LLC, and a 4.8-acre area owned by Buckeye. The parcels were subdivided at the time of purchase. Frontier acquired 95% of 503 Elk, while Oncore purchased two acres of 503, along with the entirety of 623 and 635. The portion of 503 acquired by Oncore was redesignated as 607 Elk and later consolidated with parcels 623 and 635 to create a new parcel, 555 Elk. The 503 Elk Street LLC (20.26 acres) and 555 Elk Street LLC (8.26 acres) owned property extends from Babcock Street on the west to the Buckeye access road located along the eastern border of OU-2 East. Currently, this area is vacant except for two former water meter buildings adjacent to Elk Street. There is a newly constructed access road in the northeast corner of the retention basin, allowing access across a drainage swale and into OU-2 East before ending near the aerial utility corridor in the central portion of the Site. This access road provides the approach for utility maintenance of the solar array interconnection. A 12-inch stone cover has been installed over stabilized soil/fill over the extent of the area. The surface has been graded to direct storm water flow to drainage swales that drain the Site to a large detention basin located at the southwestern portion of the Site bordering OU-3. The detention basin includes a sand filter and a drainage structure. Stormwater that passes through the detention pond and sand filter is discharged via gravity through an 18-inch diameter storm water pipe that connects the drainage structure to the Buffalo Sewer Authority's Combined Sewer Overflow (CSO) structure located below Babcock Street, west of the detention basin.

The Buckeye property on OU-2 East includes an access entrance/exit road that connects the Buckeye facility to Elk Street, two warehouses (Buildings 152 and 153), a power/utility building, and a groundwater treatment facility for Operable Unit – 4 (OU-4). The ground cover at the Buckeye property consists of asphalt pavement, concrete cover, and 12-inches of clean imported stone over stabilized soil/fill.

Figure 3 depicts the Site boundaries and cover types overlain on a current aerial image.

2.1 Site Background

The Site was formerly part of a petroleum refinery and terminal that occupied approximately 89 acres of land extending from Elk Street southward to the Buffalo River. Petroleum refinery operations commenced circa 1880 at this location and most of the facility was acquired by Standard Oil Company, ExxonMobil's predecessor, in 1892. All refinery operations had ceased at the facility by 1981, but the facility continued to be utilized by ExxonMobil as a distribution terminal until 2005, when the remaining active petroleum storage and distribution terminal facilities were acquired by Buckeye.

Historical facility plans indicate that extensive petroleum refining, storage, and distribution facilities previously existed on the Site. The petroleum refining and storage facilities were removed from the Site between the late 1980's through 2017.

In 2017, ESCP entered into a BCA with the NYSDEC, as a volunteer, to remediate the Site. ESCP subsequently acquired all portions of the Site, excluding the portion owned by Buckeye, in several transactions that occurred in 2018 and 2019. Remediation of the Site was performed by ESCP in 2018-2019 in accordance with a NYSDEC-approved RAWP dated May 2018. A Final Engineering Report (FER) summarizing and documenting the remedial program completed at the Site was filed in December 2019 and subsequently approved by the NYSDEC.

2.2 Remedial Program Overview

As previously noted, the remediation program was completed in conformance with a NYSDEC-approved RAWP. The primary components of the remedial program completed at the Site are summarized below:

- Removal and processing of concrete foundations and debris (approximately 20,000 cubic yards). Processed concrete was placed below the cover system.
- Removal and disposal of refinery process piping.
- In-situ stabilization of approximately 220,000 cubic yards of soil/fill grossly contaminated with petroleum products utilizing Portland cement. Treatment of these soils removed nuisance characteristics including slight sheening, staining, and odors.
- In-place stabilization of approximately 33,000 cubic yards of lead impacted soils, rendering the soils non-hazardous.
- Installation of an integrated cover system consisting of a demarcation layer and one foot of clean soil or stone over the stabilized/treated soils, and a new asphalt paved roadway.
- Installation of storm water swales, an underdrain and detention basin with sand filter, storm water drainage structure, and an 18-inch gravity discharge pipe to the Buffalo Sewer Authority CSO.
- Development and implementation of a Site Management Plan for long term management of the remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance, and (4) reporting.
- Periodic certification of the institutional and engineering controls listed above.

Following completion of the remedial work described in the RAWP, some contamination was left in the subsurface of the Site. The SMP was formulated to manage remaining contamination at the Site in perpetuity or until extinguishment of the Environmental Easement in accordance with ECL Article 71, Title 36.

3.0 EFFECTIVENESS OF THE REMEDIAL PROGRAM

As detailed below in Section 4.1.2, the Site Cover System was inspected on April 22, 2025. Based on this inspection, the cover system is intact and functioning effectively throughout the Site.

The results of the quarterly groundwater sampling events between June 2024 and March 2025 indicate that dissolved lead concentrations at the Site were not detected above laboratory method detection limits (MDLs). These results are presented in Table 1.

4.0 INSTITUTIONAL/ENGINEERING CONTROL (IC/EC) PLAN COMPLIANCE REPORT

4.1 IC/EC Requirements and Compliance

4.1.1 IC Requirements-Site Restrictions

In accordance with the SMP, the Site has a series of Institutional Controls (ICs) in the form of Site restrictions. Adherence to these ICs is required by the Environmental Easement. ICs identified in the SMP include the following:

- The property may be used for commercial or industrial use;
- All ECs must be operated and maintained as specified in the SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Erie County Department of Health to render it safe

for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the NYSDEC;
- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP;
- Future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- Maintenance, inspection, and reporting of physical components of the remedy shall be performed as defined in the SMP;
- Access to the Site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement; and
- The potential for vapor intrusion must be evaluated for any future buildings to be developed in the area within the IC boundaries, and any potential impacts that are identified must be monitored or mitigated.

Additional ICs identified in the Environmental Easement for the Site include the following:

- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP.

ICs identified on the NYSDEC Site Management Periodic Review Report Notice IC/ECs Certification Form not identified above include the following:

- Provisions for further investigation and remediation should large-scale redevelopment occur, if any of the existing structures which will remain are demolished, or if the subsurface is otherwise made accessible. The nature and extent of contamination in areas where access was previously limited or unavailable will be immediately and thoroughly investigated pursuant to a plan approved by the Department. Based on the investigation results and the Department determination of the need for a remedy, a Remedial Action Work Plan (RAWP) will be developed for the final remedy for the Site, including removal and/or treatment of any source areas to the extent feasible. Citizen Participation Plan (CPP) activities will continue through this process. Any necessary remediation will be completed prior to, or in association with, redevelopment. This includes grossly impacted soil and former refinery piping that may be located beneath or in the immediate vicinity of the two large buildings located on Buckeye Terminal property at the southeast portion of the site.
- Provisions for evaluation of the potential for soil vapor intrusion for any current or new buildings on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
- Provisions that should an existing or future building or building foundation be demolished in the future, a cover system consistent with that described in the Engineering Controls will be placed in any of the areas where the upper one foot of exposed surface soil exceed the applicable SCOs.

It should be noted that these controls do not apply to the recently constructed Groundwater Treatment Facility for OU-4 generated groundwater, located in the southeast portion of OU-2 East.

4.1.2 Engineering Controls-Site Cover System

Exposure to the remaining contamination in the soil/fill at the Site is prevented by a cover system placed over the Site. This cover system is comprised of a demarcation fabric, minimum of 12 inches of clean soil or crushed stone; new and existing asphalt pavement, and/or concrete building slabs. The Excavation Work Plan (EWP) that is provided in Appendix 5 of the SMP outlines the procedures required to be implemented in the event the cover system is breached, penetrated, or temporarily removed, and any underlying remaining

contamination is disturbed. Work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan (HASP), which will be developed prior to work commencing, and associated Community Air Monitoring Plan (CAMP) prepared for the Site and provided in Appendix 7. The cover system is a permanent control, and the quality and integrity of this system will be inspected at defined, regular intervals in perpetuity.

On April 22, 2025, Carly Repka of LaBella conducted the annual Site inspection, which included traversing the Site on foot to observe the current conditions. The Site Inspection Form is included in Appendix 1. Appendix 2 includes photographs taken during the Site inspection.

The north-central portion of the Site is currently vacant except for two former water meter buildings adjacent to Elk Street and consists of areas with a 12-inch stone cover installed over stabilized soil/fill. The surface has been graded to direct storm water flow to drainage swales that drain the Site to a large detention basin located at the southwestern portion of the Site bordering OU-3. The eastern portion of the Site encompassing the Buckeye property includes an access road that connects the Buckeye facility to Elk Street, two warehouses (Buildings 152 and 153), a power/utility building, and the OU-4 groundwater treatment facility. The ground cover at the Buckeye property consists of asphalt pavement, concrete cover, and 12-inches of clean imported stone over stabilized soil/fill. Based on the annual Site inspection, all cover system components appear to be functioning as intended.

Additionally, monthly inspections of the Site were completed from May 2024 through April 2025. During the monthly inspections, areas of vegetation were observed along the western side of the stone covered area. Property owners were informed of the growth, and the vegetation was managed with weed treatment (November 2024) Also managed at this time was the removal of invasive woody growth in the retention basin. No other concerns with the engineering controls in place on OU-2 East were observed during the monthly inspections conducted during the reporting period.

In accordance with the Arcadis-issued RAWP Addendum for OU-4, dated September 2021, from mid-August through mid-December 2021, a groundwater treatment facility was constructed east of Building 153 for the treatment of recovered groundwater from the OU-4 area of the Site. On November 11, 2021, final tie-ins for the recovered OU-4 process water were completed. The groundwater treatment facility consists of an oil-water separator (OWS), a free product drum, an equalization tank, bag filters, and a sequestrant tank in the first of the two enclosures. The second enclosure contains granular activated carbon (GAC) vessels, and an effluent/backwash tank. Following processing, the treated OU-4 groundwater is then discharged to a sanitary sewer line.

Shot Club Social completed a comprehensive subsurface investigation program and provided geotechnical engineering recommendations for the proposed golf complex to be developed on the site. As part of the investigation, Buffalo Drilling Company conducted a total of five test borings across the site. During the drilling process, waste characterization samples were collected from the drill cuttings to determine the proper disposal methods for materials. These samples were analyzed, and based on the results, five 55-gallon drums of waste were safely disposed of in November 2024. The waste disposal process was initiated following the initial sampling conducted on November 23, 2022. This thorough investigation and waste disposal procedure were conducted to ensure the site's suitability for the planned golf complex development.

A Sub-Slab and indoor Air Investigation was performed in September 2023, which included an investigation of three paired sub-slab and indoor air samples identified as Office, Bathroom, and Driver's Bathroom, located within one site building. Elevated photoionization detector (PID) readings were recorded for the sub-slab sample locations on 9/12/23. Samples were collected on 9/14/23. Lower or no PID readings were recorded on the date of sample collection. The report indicated that results were in accordance with the Department's guidance. Another sampling event was conducted in February 2024, this event included resampling the locations from the September sampling event, as well as one additional sub-slab/indoor air pair of samples in the Locker Room within the site building and an outdoor air/subgrade pair of samples

located south of the building. Elevated PID readings were recorded for the indoor air and outdoor air sample locations on 2/26/24 and 2/29/24. Low level or no PID readings were detected for the sub-slab samples. Additional sampling was recommended for the Office sample location based on trichloroethene (TCE) concentrations, additional indoor air sampling was recommended for the Driver's Bathroom sample location based on 1,2,4-Trimethylbenzene and o-xylene concentrations in the indoor air sample and additional indoor air sampling was recommended for the Driver's Bathroom sample location based on m- & p-xylene concentrations in the indoor air sample. In the May 1, 2024, Sub-Slab/Subgrade and Indoor Air Investigation Report, Buckeye/Groundwater & Environmental Services requested the Department to determine the responsible party and conduct the recommended additional sampling and any necessary mitigation measures. The report was finalized on June 26, 2024. NYSDEC and NYSDOH responded to the submitted report on June 28, 2024, and again on February 13, 2025, requesting further investigation. A resolution has not yet been made.

Innovateus Solar began work on May 1, 2024, following approval of the Elk Solar Change of Use Work Plan (March 25, 2024). Activities involving the cover system began by placing wooden framed forms for concrete ballasts and installing fencing along the perimeter of the site. Excavation for a trench to facilitate an electrical tie-in for Innovateus Solar on OU-3 commenced on June 6–7, 2024. On June 17, utility pole installation began, and the excavated areas were backfilled with stone. Trench work continued on June 18. From June 21–26, 2024, concrete mixed with red dye—used to indicate buried electrical infrastructure—was poured over the trench to create an encasement, which was then finished with blacktop. A waste characterization sample was collected on June 26, 2024.

On September 23–24, 2024, a soft dig was performed in preparation for the installation of two utility poles. National Grid subsequently placed and set the poles, initiating the electrical tie-ins. On December 4, 2024, waste generated from the utility pole excavation and tie-in was loaded out for disposal at Republic Services.

Additionally, drums generated during earlier site activities were picked up for disposal on November 8, 2024, for the ShotClub Social Geotech borings. The waste manifests and characterization analytical for all disposal events are provided in Appendix 8.

CAMP equipment was set up, and monitoring was conducted throughout the soil load-out process. In addition to the soil load-out activities on 12/4/2024, CAMP was also used on 6/17/2024, 6/18/2024, 6/24/2024, and 6/25/2024 during trench work. CAMP data and daily monitoring sheets are presented in Appendix 7. CAMP equipment was set up, and monitoring was conducted throughout the soil load-out process. The solar installation work on OU-2 East is now complete, with the cover restored and the demarcation layer in place, and the system is currently operational. These activities will be reported in a Construction Completion Report submitted to NYSDEC in the coming months.

From November 20-22, 2024, November 25-27, 2024, and December 2, 2024, the cover system was inspected and found to have limited invasive tree growth and general overgrowth of the site. In response, tree removal services were initiated to address the invasive woody vegetation in the retention basin. Additionally, weed prevention spray was applied during these intervals to help control further growth and ensure the long-term maintenance and stability of the cover system.

4.2 IC/EC Certification

The IC/EC Certification Form was completed in its entirety as all ICs/ECs are in place for the Site per the SMP. Appendix 3 includes the NYSDEC "Site Management Periodic Review Report Notice-Institutional and Engineering Controls Certification Form."

5.0 MONITORING AND SAMPLING PLAN COMPLIANCE REPORT

5.1 Requirements

The Monitoring and Sampling Plan is included in Section 4.0 of the SMP and describes the measures for evaluating: (1) the performance and effectiveness of the remedy to reduce or mitigate contamination at the Site; (2) the cover system; and (3) all affected Site media.

The Monitoring and Sampling Plan describes the methods to be used for:

- Sampling and analysis of all appropriate media (e.g., groundwater);
- Assessing compliance with applicable NYSDEC standards, criteria and guidance, particularly groundwater standards;
- Monitoring the cover system;
- Assessing achievement of the remedial performance criteria;
- Evaluating Site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment; and
- Preparing the necessary reports for the various monitoring activities.

To adequately address these issues, the Monitoring and Sampling Plan provides information on:

- Sampling locations, protocol, and frequency;
- Information on all designed monitoring systems (e.g. well logs);
- Analytical sampling program requirements;
- Reporting requirements;
- Inspection and maintenance requirements for monitoring wells;
- Monitoring well decommissioning procedures; and
- Annual inspection and periodic certification.

5.2 Groundwater Monitoring

The groundwater monitoring is performed on a quarterly basis. Groundwater samples are analyzed for total lead and dissolved lead via United States Environmental Protection Agency (USEPA) Method 200.7. Groundwater monitoring is performed to determine if the remedy continues to be effective in achieving remedial goals. At the request of NYSDEC, Per-and Polyfluoroalkyl Substances (PFAS) were sampled from the OU-2 East monitoring well network during the reporting period (September 2024).

The groundwater monitoring network prescribed in the SMP consists of four monitoring wells (MW-OU2-1 through MW-OU2-4) located downgradient of the lead impacted soil stabilization areas. The network of on-site wells has been designed based on the following criteria: (1) monitoring wells are located downgradient of the lead stabilized soils across the Site; and (2) monitoring wells are screened above the lacustrine clay. The groundwater monitoring well locations are depicted in Figure 3. Monitoring well gauging data was utilized to develop a hydrograph for the OU-2 East monitoring well network. This hydrograph and supporting gauging data are provided as Figure 4.

It should be noted that two wells- MW-OU2-1 and MW-OU2-2 were lowered to grade during the installation of the access road between OU-2 East and OU-3 for the Elk Solar project. The wells were re-surveyed in September 2024, and the corrected elevations have been used for continued monitoring.

5.2.1 Sampling Procedure

Groundwater monitoring wells were purged and sampled in general accordance with the procedures detailed in the SMP. All monitoring well sampling activities were recorded on groundwater sampling logs, which are included as Appendix 4. Other observations (e.g. well integrity, etc.) were also noted on the well sampling logs. Prior to the initiation of groundwater sampling, groundwater levels were measured with an electronic water level indicator to determine the static water level from the top of casing elevation. The groundwater levels were used to determine the volume of standing water in the wells.

Well purging consisted of the evacuation of a minimum of three well volumes or until dry conditions were encountered. Purging was completed utilizing dedicated polyethylene bailers. Purged groundwater was transported to and processed in the groundwater treatment facility located on the OU-3 property. After completion of purging, the wells were allowed to recharge. The samples were collected within 24 hours of completion of well purging using dedicated polyethylene bailers. Relevant observations regarding color, odor, etc., if identified, were recorded on the sampling logs. Sample volumes were collected into laboratory-provided clean sample bottles. The groundwater samples were submitted for analysis of total and dissolved lead via USEPA Method 200.7.

In December 2024, groundwater sampling had to be repeated due to a laboratory error that compromised the validity of the initial analytical results. The laboratory notified the project team that a quality control issue affected a subset of the samples, preventing accurate reporting of lead concentrations. As a result, the wells were re-sampled following the same procedures outlined in the SMP. The repeated sampling ensured data integrity and compliance with project requirements. The corrected results from the December resampling event are included with the data package in Appendix 4.

PFAS groundwater sampling was conducted in accordance with the NYSDEC-approved Work Plan (June 2021) and included the analysis of PFAS samples collected from all four wells in OU-2 East during the September 2024 sampling event. Inadvertently, several samples taken with the correct container for PFAS analytical testing, were transferred to non-PFAS compliant containers at the laboratory. This has been noted in the lab report. The samples in question are MW-OU2-1, MW-OU2-1 (MS), MW-OU2-1 (MSD), MW-OU2-2, MW-OU2-3, MW-OU2-3 (DUP), Equipment Blank, and DI Blank.

5.2.2 Sample Preservation and Handling

Immediately after collection, all samples were placed in a cooler and chilled with ice. To ensure sample integrity, a Chain-of-Custody (COC) sample record was established and kept with the samples to document each person that handled the samples. The samples were transported to Test America Laboratories, Inc., a NYSDOH Environmental Laboratory Accreditation Program certified laboratory for analysis. The COC records established for the collected samples were maintained throughout the laboratory handling. Copies of the COC and complete analytical laboratory reports are included in Appendix 5 and Appendix 6.

5.2.3 Analytical Results

The following section summarizes and discusses the analytical results generated during the monitoring events. For discussion purposes, these results are compared with the Standards Criteria and Guidance Values applicable to groundwater: NYSDEC's June 1998 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations in the Technical and Operational Guidance Series (TOGS) 1.1.1.

Table 1 summarizes the quarterly post-remedial groundwater sampling lead results (June 2024 through March 2025) and compares the results to the applicable water quality standards. Table 1 presents the OU-2 East lead monitoring results from June 2024, September 2024, December 2024, and March 2025 and the analytical results for the lead sampling are provided in Appendix 5. Table 2 presents the OU-2 East PFAS monitoring results from September 2024 with analytical results provided in Appendix 6. Monitoring Well locations are depicted in Figure 3.

5.3 Comparisons with Remedial Objectives

As shown in Table 1, dissolved lead was not detected in any of the groundwater samples from the OU-2 East monitoring wells during the quarterly sampling events.

Total lead was not detected in any of the groundwater samples with the exception of MW-OU2-2 in December 2024 and MW-OU2-3 in March 2025, but not above the NYSDEC TOGS value of 0.025 mg/L. This data indicates that the Site remedy is effectively achieving the in-situ stabilization of contamination in Site soils.

5.4 Monitoring Deficiencies

No monitoring deficiencies were identified during the completion of the quarterly groundwater sampling events from June 2024 to March 2025.

5.5 Groundwater Monitoring Conclusions and Recommendations

Dissolved lead was not detected in any of the groundwater samples from the OU-2 East monitoring wells in the four quarterly (June 2024, September 2024 December 2024, and March 2025) sampling events. Total lead was not detected in any of the groundwater samples with the exception of MW-OU2-2 in December 2024 and MW-OU2-3 in March 2025 sampling event, but not above the NYSDEC TOGS value of 0.025 mg/L. This data indicates that the Site remedy is effectively achieving in-situ stabilization of lead contamination in the soil.

As requested by NYSDEC in a letter dated March 31, 2021, the OU-2 East monitoring well network was sampled for Per-and Polyfluoroalkyl Substances (PFAS) on September 12, 2024. These sampling results are compared to September 2021, 2022, and 2023 sampling results and are provided in Table 2. The 2024 PFAS analytical data package is also presented in Appendix 6.

No other changes to the monitoring program are recommended at this time.

6.0 OPERATION AND MAINTENANCE PLAN

The remedy for the Site does not rely on mechanical systems to protect public health and the environment. Therefore, no operation and maintenance requirements apply to the Site.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The Site Cover System was inspected in April 2025 and was observed to be intact and functioning as designed throughout the Site.

Dissolved lead was not detected in the Site monitoring wells above laboratory MDLs or NYSDEC TOGS guidance. Total lead was only detected above laboratory MDLs in MW-OU2-2 in December 2024 and March 2025, and in MW-OU2-3 in March 2025; however, was below the NYSDEC TOGS guidance. This indicates the effectiveness of the Site remedy. No changes to the Monitoring and Sampling Plan or the SMP are recommended.

Based on the 2021 PFAS sampling results, it is recommended by NYSDEC that the OU-2 East monitoring well network continue to be sampled for PFAS on an annual basis. Wells OU2E-MW-1 and OU2E-MW-2 are located on Frontier Galvanizing property. OU2E-MW-3 is located on ShotClub Social property, while well OU2E-MW-4 is located on Buckeye property.

8.0 LIMITATIONS

The conclusions presented in this report are based on information gathered in accordance with generally acceptable professional consulting principles and practices. All conclusions reflect observable conditions existing at the time of the Site inspections. Information provided by outside sources (individuals, agencies, laboratories, etc.) as cited herein, was used in the assessment of the Site. The accuracy of the conclusions drawn from this assessment is, therefore, dependent upon the accuracy of information provided by these sources. Furthermore, LaBella is not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to the performance of services.

This report is based upon the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed herein are based upon the facts currently available with the limits of the existing data, scope of services, budget, and schedule. To the extent that more definitive conclusions are desired by the Client than are warranted by the current available facts, it is specifically Labella's' intent that the conclusions and recommendations stated herein will be intended as guidance and not necessarily a firm course of action except where explicitly stated as such. LaBella makes no warranties, expressed, or implied including without limitation, warranties as to merchantability or fitness of a particular purpose. Furthermore, the information provided in this report is not to be construed as legal advice.

This assessment and report have been completed and prepared on behalf of and for the exclusive use of Elk Street Commerce Park, LLC and 555 Elk Street, L.P and 503 Elk Street LLC. Any reliance on this report by a third party is at such party's sole risk.

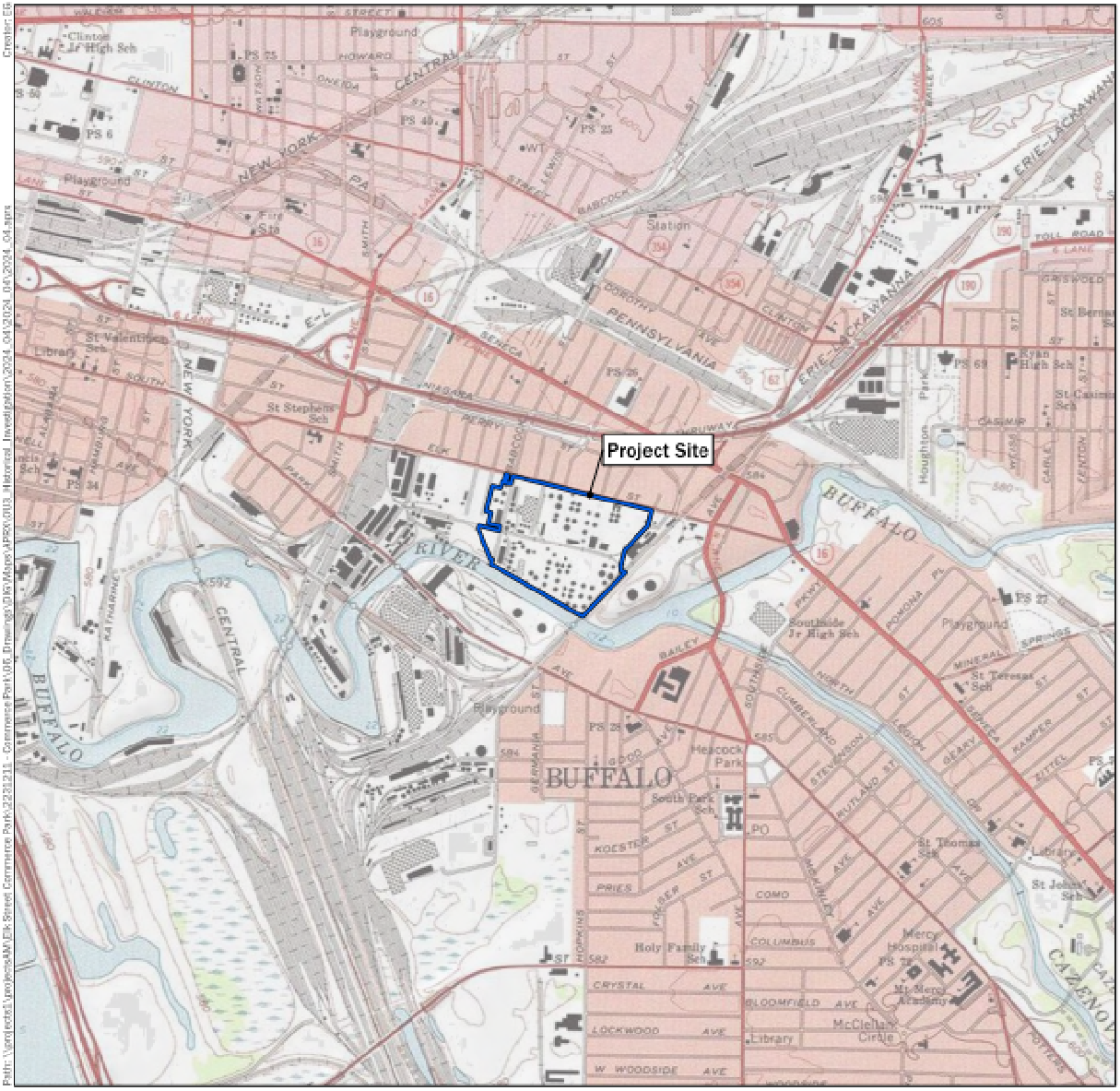
9.0 REFERENCES

NYSDEC, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, Division of Water, Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998 (including April 2000 addendum).

Final Engineering Report, Former ExxonMobil Buffalo Terminal Operable Unit 2 East, Amec E&E, P.C., December 2019

Site Management Plan, ExxonMobil Corporation-Former Buffalo Terminal Operable Unit 2 East, Amec E&E, P.C., December 2019

FIGURES



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2025 Periodic Review Report
ExxonMobil Oil
Former Buffalo Terminal
OU-2 East
503, 623, 625, 635, and 677
Elk Street, Buffalo, NY
NYSDEC Site No. C915201B

0
0 0.25 0.5 Miles

Legend
OU Boundary Project Site

Sources: LaBella 2024; USGS 2019.

Site Location

Figure 1

LaBella Project No: 2251277
Date May 2025

Path: \\projects\projects\M\Elk Street Commerce Park\2251211 - Commerce Park\DR_Drawings\DWG\Maps\APRX\003_Historical_Investigation\2024_04\2024_04\2024_04.aprx
Creator: EG

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2025 Periodic Review Report
ExxonMobil Oil
Former Buffalo Terminal
OU-2 East
503, 623, 625, 635, and 677
Elk Street, Buffalo, NY
NYSDEC Site No. C915201B

N

0 200 400 Feet

Legend

- Shot Club Social Buffalo, LLC
- 503 Elk Street LLC
- Buckeye Terminals, LLC

Sources: Bing Maps, 2024; Erie County 2020; LaBella 2024.

Project Area
Operational Unit 2 (OU-2) East

Figure 2

LaBella Project No: 2251277
Date: May 2025

Path: I:\Elk Street Commerce Park\2251211 - Commerce Park\GIS_Drawings\DUO\Maps\MPR\OU2_Historical Investigation\2024_Oct\2024_10\2024_04.aprx
Creator: EG

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2025 Periodic Review Report

ExxonMobil Oil
Former Buffalo Terminal
OU-2 East
503, 623, 625, 635, and 677
Elk Street, Buffalo, NY
NYSDEC Site No. C915201B

N

0 200 400 Feet

Legend

- Monitoring Well
- Operational Unit 2 (OU-2) East Boundary
- Operational Unit 4 (OU-4) GWTF Boundary
- Stone/Soil Cover
- Paved Area
- GCL-Lined Retention Basin

Sources: Bing Maps, 2024; Erie County 2020; LaBella 2024.

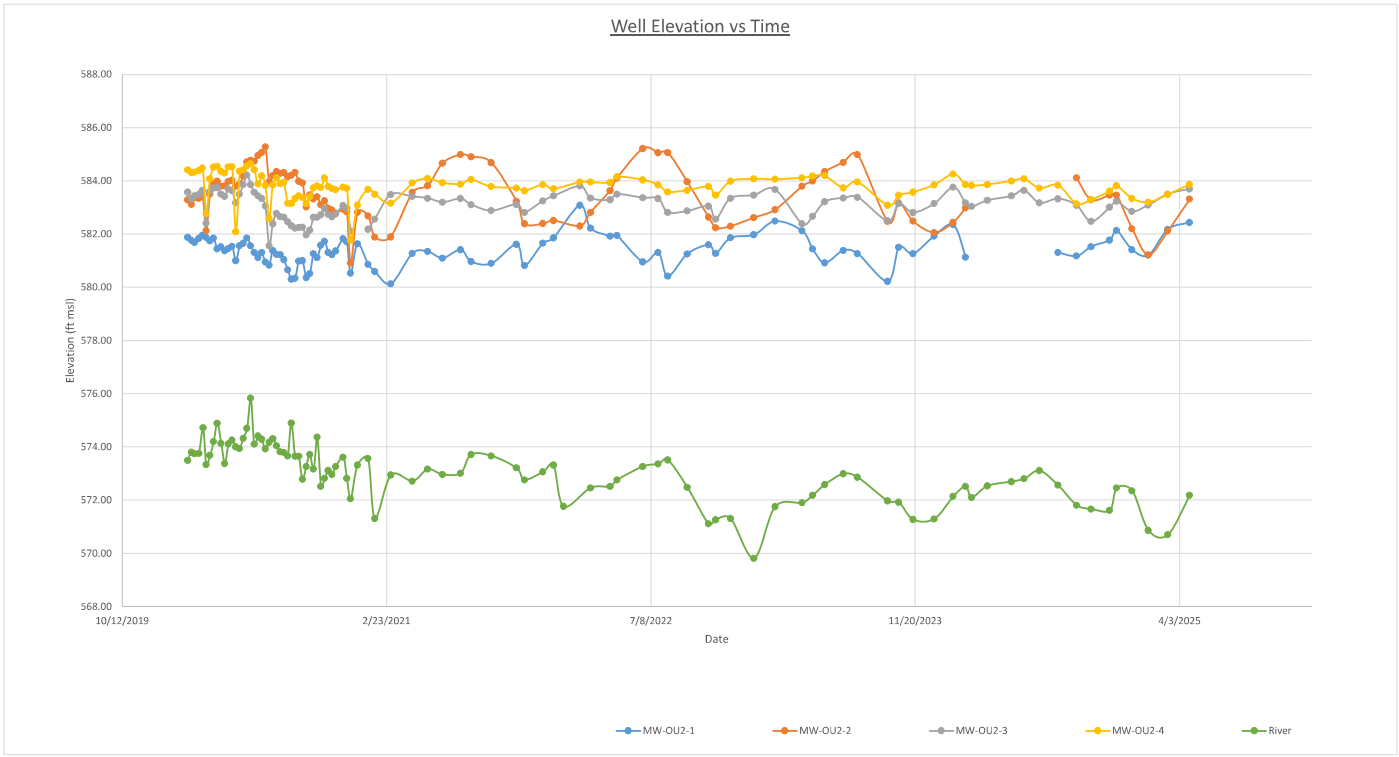
Operational Unit 2 (OU-2) East

Figure 3

LaBella Project No: 2251277
Date: May 2025

2020 - 2025 OU-2 East Hydrograph

Figure 4



OU-2 East Gauging Data

MW-OU2-1				
Date	**Measuring Point Elevation (ft msl) TOC**	**Depth to Water (ft) DTW**	**Corrected Elevation (ft msl)**	**Comments**
	589.25	-		
	589.25	-		
	589.25	-		
8/16/2024	586.28	4.97	581.31	
9/20/2024	586.28	5.10	581.18	
10/18/2024	586.28	4.75	581.53	
11/22/2024	586.28	4.50	581.78	
12/5/2024	586.28	4.14	582.14	
1/3/2025	586.28	4.86	581.42	
2/3/2025	586.28	5.06	581.22	
3/12/2025	586.28	4.10	582.18	
4/22/2025	586.28	3.84	582.44	

OU-2 East Gauging Data

MW-OU2-2				
Date	**Measuring Point Elevation (ft msl) TOC**	**Depth to Water (ft) DTW**	**Corrected Elevation (ft msl)**	**Comments**
	589.03	-		
	589.03	-		
	589.03	-		
	589.03	-		
9/20/2024	586.67	2.55	584.12	
10/18/2024	586.67	3.38	583.29	
11/22/2024	586.67	3.20	583.47	
12/5/2024	586.67	3.20	583.47	
1/3/2025	586.67	4.46	582.21	
2/3/2025	586.67	5.45	581.22	
3/12/2025	586.67	4.55	582.12	
4/22/2025	586.67	3.35	583.32	

OU-2 East Gauging Data

MW-OU2-3				
Date	**Measuring Point Elevation (ft msl) TOC**	**Depth to Water (ft) DTW**	**Corrected Elevation (ft msl)**	**Comments**
5/20/2024	589.83	6.39	583.44	
6/13/2024	589.83	6.18	583.65	
7/12/2024	589.83	6.65	583.18	
8/16/2024	589.83	6.50	583.33	
9/20/2024	589.83	6.74	583.09	
10/18/2024	589.83	7.35	582.48	
11/22/2024	589.83	6.82	583.01	
12/5/2024	589.83	6.59	583.24	
1/3/2025	589.83	6.97	582.86	
2/3/2025	589.83	6.73	583.10	
3/12/2025	589.83	6.32	583.51	
4/22/2025	589.83	6.13	583.70	

OU-2 East Gauging Data

MW-OU2-4				
Date	Measuring Point Elevation (ft msl) TOC	Depth to Water (ft) DTW	Corrected Elevation (ft msl)	Comments
5/20/2024	589.87	5.87	584.00	
6/13/2024	589.87	5.79	584.08	
7/12/2024	589.87	6.14	583.73	
8/16/2024	589.87	6.03	583.84	
9/20/2024	589.87	6.73	583.14	
10/18/2024	589.87	6.57	583.30	
11/22/2024	589.87	6.25	583.62	
12/5/2024	589.87	6.05	583.82	
1/3/2025	589.87	6.53	583.34	
2/3/2025	589.87	6.67	583.20	
3/12/2025	589.87	6.37	583.50	
4/22/2025	589.87	6.00	583.87	

OU-2 East Gauging Data

River				
Date	**Measuring Point Elevation (ft msl) TOC**	**Depth to Water (ft) DTW**	**Corrected Elevation (ft msl)**	**Comments**
5/20/2024	584.32	11.62	572.70	
6/13/2024	584.32	11.51	572.81	
7/12/2024	584.32	11.20	573.12	
8/16/2024	584.32	11.75	572.57	
9/20/2024	584.32	12.50	571.82	
10/18/2024	584.32	12.65	571.67	
11/22/2024	584.32	12.70	571.62	
12/5/2024	584.32	11.85	572.47	
1/3/2025	584.32	11.96	572.36	
2/3/2025	584.32	13.45	570.87	
3/12/2025	584.32	13.61	570.71	
4/22/2025	584.32	12.13	572.19	

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TABLES

Table 1
ExxonMobil Oil Former Buffalo Terminal OU-2 East
503/623/625/635/677 Elk Street, Buffalo, New York
Quarterly Groundwater Monitoring
Summary of Lead Analytical Results

Sample ID	MW-OU2-1		MW-OU2-2		MW-OU2-3		MW-OU2-4	
Analysis	Total Lead	Dissolved Lead	Total Lead	Dissolved Lead	Total Lead	Dissolved Lead	Total Lead	Dissolved Lead
	mg/L		mg/L		mg/L		mg/L	
Sampling Date								
6/13/2024	<	<	<	<	<	<	<	<
9/12/2024	<	<	<	<	<	<	<	<
12/31/2024	<	<	0.017	<	<	<	<	<
3/4/2025	<	<	<	<	0.0040 J	<	<	<
NYSDEC TOGS	**0.025**							

NYSDEC TOGS = New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1),

Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (June 1998)

– = Not sampled

< = Not detected

NL = Not listed

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

B = Compound found in the blank and the sample.

Mg/L = Milligrams per liter

Concentrations in gray = analyte detected at a concentration exceeding NYSDEC TOGS

Table 2
Annual PFAS Detections Summary
503/623/625/635/677 Elk Street, Buffalo, New York

Sample ID		MW-0U2-1							
Sample Date		9/24/2021		9/16/2022		9/15/2023		9/12/2024	
Group	Per- and Polyfluoroalkyl Subsances (PFAS) (ng/L)								
Perfluoroalkyl carboxylates	Perfluorobutanoic acid (PFBA)	25	U R	4.4	U	190	U G	8.4	U
	Perfluoropentanoic acid (PFPeA)	**33**		1.8	U	**150**		**29**	
	Perfluorohexanoic acid (PFHxA)	**44**		**34**		**29**		**23**	
	Perfluoroheptanoic acid (PFHpA)	**48**		**35**		**31**		**25**	
	Perfluorooctanoic acid (PFOA)	**360**		**290**		**310**		**470**	
	Perfluorononanoic acid (PFNA)	**18**		**18**		**19**		**52**	
	Perfluorodecanoic acid (PFDA)	**2.0**	**J**	**2.2**		**3.5**		**2.1**	
	Perfluoroundecanoic acid (PFUA/PFUnA)	10	U	**1.5**	**J I**	1.9	U	**1.6**	**J**
	Perfluorododecanoic acid (PFDoA)	10	U	1.8	U	1.9	U	2.1	U
	Perfluorotridecanoic acid (PFTriA/PFTrDA)	10	U	1.8	U	1.9	U F2	**0.86**	**JI**
	Perfluorotetradecanoic acid (PFTA/PFTeA)	10	U	1.8	U	1.9	U F2	2.1	U
Perfluoroalkyl sulfonates	Perfluorobutanesulfonic acid (PFBS)	**24**		**19**		**16**		**10**	
	Perfluorohexanesulfonic acid (PFHxS)	**8.5**	**J**	**6.9**		**7.1**		**6.8**	
	Perfluoroheptanesulfonic acid (PFHpS)	10	U	1.8	U	1.9	U	**0.52**	**JI**
	Perfluorooctanesulfonic acid (PFOS)	**15**		**13**		**16**		**13**	
	Perfluorodecanesulfonic acid (PFDS)	10	U	1.8	U	1.9	U	2.1	U
Fluorinated Telomer Sulfonates	6:2 Fluorotelomer sulfonate (6:2 FTS)	25	U	**11**		**5.1**		**3.3**	**J**
	8:2 Fluorotelomer sulfonate (8:2 FTS)	**6.9**	**J**	**7.7**		**8.7**		**6**	**J**
Perfluorooctane-sulfonamides	Perfluroroctanesulfonamide (PFOSA)	10	U	1.8	U	1.9	U	**0.57**	**JI**
Perfluorooctane-sulfonamidoacetic acids	N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	25	U	4.4	U	4.8	U	2.1	U
	N-ethyl perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	25	U	4.4	U	4.8	U	2.1	U

NOTES:

PFAs guidance values

PFOA limit of 6.7 ng/l

PFOS limit of 2.7 ng/l

ng/L - nanograms per liter or parts per trillion (ppt)

PFAs analyzed by USEPA Method 537 (modified)

U = The analyte was analyzed for but was not detected above the level of the associated reported quantitation limit.

BOLD = The analyte was detected above the level of the assocaited reorted quantitation limit

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

J- = The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.

J+ = The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.

I = The sample value is EMPC (Estimated Maximum Possible Concentration).

R = The sample results are rejected due to serious deficiencies in meeting Quality Control limits.

G = The reported quantitiation limit has been raised due to an exhibited elevated noise or matrix interference.

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Table 2
Annual PFAS Detections Summary
503/623/625/635/677 Elk Street, Buffalo, New York

Sample ID		MW-0U2-2							
Sample Date		9/24/2021		9/16/2022		9/15/2023		9/12/2024	
Group	Per- and Polyfluoroalkyl Subsances (PFAS) (ng/L)								
Perfluoroalkyl carboxylates	Perfluorobutanoic acid (PFBA)	23	R	24	U	400	U G	8.9	U
	Perfluoropentanoic acid (PFPeA)	10	U	9.7	U	1.9	U	4.4	U
	Perfluorohexanoic acid (PFHxA)	**13**		**6.8**	**J**	**11**		**11**	
	Perfluoroheptanoic acid (PFHpA)	**5.1**	**J**	**5.5**	**J**	**5.1**		**5.6**	
	Perfluorooctanoic acid (PFOA)	**10**		**11**		**12**		**15**	
	Perfluorononanoic acid (PFNA)	**3.1**	**J**	**2.8**	**J**	**3.8**		**8.4**	**I**
	Perfluorodecanoic acid (PFDA)	10	U	9.7	U	1.9	U	**0.94**	**J**
	Perfluoroundecanoic acid (PFUA/PFUnA)	10	U	9.7	U	1.9	U	2.2	U
	Perfluorododecanoic acid (PFDoA)	10	U	9.7	U	1.9	U	2.2	U
	Perfluorotridecanoic acid (PFTriA/PFTrDA)	10	U	9.7	U	1.9	U	2.2	U
	Perfluorotetradecanoic acid (PFTA/PFTeA)	10	U	9.7	U	1.9	U	2.2	U
Perfluoroalkyl sulfonates	Perfluorobutanesulfonic acid (PFBS)	**6.4**	**J+**	**6.1**	**J I**	**6.2**	**I**	2.2	U
	Perfluorohexanesulfonic acid (PFHxS)	**2.2**	**J**	9.7	U	**2.1**		**1.9**	**J**
	Perfluoroheptanesulfonic acid (PFHpS)	10	U	9.7	U	1.9	U	2.2	U
	Perfluorooctanesulfonic acid (PFOS)	10	U	**4.5**	**J**	**4.5**		**2.9**	
	Perfluorodecanesulfonic acid (PFDS)	10	U	9.7	U	1.9	U	2.2	U
Fluorinated Telomer Sulfonates	6:2 Fluorotelomer sulfonate (6:2 FTS)	**17**		**15**	**J**	**34**		**6.4**	**J**
	8:2 Fluorotelomer sulfonate (8:2 FTS)	10	U	9.7	U	1.9	U	8.9	U
Perfluorooctane-sulfonamides	Perfluroroctanesulfonamide (PFOSA)	10	U	9.7	U	1.9	U	2.2	U
Perfluorooctane-sulfonamidoacetic acids	N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	25	U	24	U	4.7	U	2.2	U
	N-ethyl perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	25	U	24	U	4.7	U	2.2	U

NOTES:

PFAs guidance values

PFOA limit of 6.7 ng/l

PFOS limit of 2.7 ng/l

ng/L - nanograms per liter or parts per trillion (ppt)

PFAs analyzed by USEPA Method 537 (modified)

U = The analyte was analyzed for but was not detected above the level of the associated reported quantitation limit.

BOLD = The analyte was detected above the level of the assocaited reorted quantitation limit

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

J- = The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.

J+ = The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.

I = The sample value is EMPC (Estimated Maximum Possible Concentration).

R = The sample results are rejected due to serious deficiencies in meeting Quality Control limits.

G = The reported quantitiation limit has been raised due to an exhibited elevated noise or matrix interference.

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Table 2
Annual PFAS Detections Summary
503/623/625/635/677 Elk Street, Buffalo, New York

Sample ID		MW-0U2-3							
Sample Date		9/24/2021		9/16/2022		9/15/2023		9/12/2024	
Group	Per- and Polyfluoroalkyl Subsances (PFAS) (ng/L)								
Perfluoroalkyl carboxylates	Perfluorobutanoic acid (PFBA)	46	UR	4.6	U	120	U G	**13**	
	Perfluoropentanoic acid (PFPeA)	**65**		1.8	U	**81**		**53**	
	Perfluorohexanoic acid (PFHxA)	**44**		47		**39**		**34**	
	Perfluoroheptanoic acid (PFHpA)	**38**		**45**		**40**		**31**	
	Perfluorooctanoic acid (PFOA)	**26**		**33**		**31**		**39**	
	Perfluorononanoic acid (PFNA)	**21**		**20**		**21**		**31**	
	Perfluorodecanoic acid (PFDA)	**4.8**		**5.1**		**4.3**		**3.4**	
	Perfluoroundecanoic acid (PFUA/PFUnA)	**3.7**		**2.6**	**I**	1.8	U	**2.1**	
	Perfluorododecanoic acid (PFDoA)	1.8	U	1.8	U	1.8	U	2.1	U
	Perfluorotridecanoic acid (PFTriA/PFTrDA)	1.8	U	1.8	U	1.8	U	2.1	U
	Perfluorotetradecanoic acid (PFTA/PFTeA)	1.8	U R	1.8	U	1.8	U	2.1	U
Perfluoroalkyl sulfonates	Perfluorobutanesulfonic acid (PFBS)	**6.1**		**7.6**		**6.7**		**2.8**	
	Perfluoropentanesulfonic acid (PFPeS)	2.1	U	2.1	U	2.1	U	**3.9**	**I**
	Perfluorohexanesulfonic acid (PFHxS)	**21**		**40**	**I**	**64**	**I**	**19**	
	Perfluoroheptanesulfonic acid (PFHpS)	**0.8**	**J**	**0.63**	**J**	**0.38**	**J I**	2.1	U
	Perfluorooctanesulfonic acid (PFOS)	**31**		**32**		**28**		**21**	
	Perfluorodecanesulfonic acid (PFDS)	1.8	U	1.8	U	1.8	U	2.1	U
Fluorinated Telomer Sulfonates	6:2 Fluorotelomer sulfonate (6:2 FTS)	**54**	**J -**	**46**		**70**		**62**	
	8:2 Fluorotelomer sulfonate (8:2 FTS)	**2.4**	**J -**	**2.4**		**2.5**		8.4	U
Perfluorooctane-sulfonamides	Perfluroroctanesulfonamide (PFOSA)	1.8	U	1.8	U	1.8	U	2.1	U
Perfluorooctane-sulfonamidoacetic acids	N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	4.6	U	4.6	U	4.5	U	2.1	U
	N-ethyl perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	4.6	U	4.6	U	4.5	U	2.1	U

NOTES:

PFAs guidance values

PFOS limit of 2.7 ng/l

PFOS limit of 2.7 ppt

ng/L - nanograms per liter or parts per trillion (ppt)

PFAs analyzed by USEPA Method 537 (modified)

U = The analyte was analyzed for but was not detected above the level of the associated reported quantitation limit.

BOLD = The analyte was detected above the level of the assocaited reorted quantitation limit

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

J- = The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.

J+ = The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.

I = The sample value is EMPC (Estimated Maximum Possible Concentration).

R = The sample results are rejected due to serious deficiencies in meeting Quality Control limits.

G = The reported quantitiation limit has been raised due to an exhibited elevated noise or matrix interference.

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Table 2
Annual PFAS Detections Summary
503/623/625/635/677 Elk Street, Buffalo, New York

Sample ID		MW-0U2-4							
Sample Date		9/24/2021		9/16/2022		9/15/2023		9/12/2024	
Group	Per- and Polyfluoroalkyl Subsances (PFAS) (ng/L)								
Perfluoroalkyl carboxylates	Perfluorobutanoic acid (PFBA)	22	U R	44	U	1,900	U G	2.4	U
	Perfluoropentanoic acid (PFPeA)	40		18	U	1.8	U	**120**	
	Perfluorohexanoic acid (PFHxA)	42		**29**		**48**	**I**	**31**	
	Perfluoroheptanoic acid (PFHpA)	40		**33**		**40.0**	**I**	**35**	
	Perfluorooctanoic acid (PFOA)	35		**29**		**36**		**64**	
	Perfluorononanoic acid (PFNA)	21		**20**		**24**		**38**	
	Perfluorodecanoic acid (PFDA)	9.7	U	18	U	1.8	U	**0.86**	**JI**
	Perfluoroundecanoic acid (PFUA/PFUnA)	9.7	U	18	U	1.8	U	**0.92**	**JI**
	Perfluorododecanoic acid (PFDoA)	9.7	U	18	U	1.8	U	2.4	U
	Perfluorotridecanoic acid (PFTriA/PFTrDA)	9.7	U	18	U	1.8	U	2.4	U
	Perfluorotetradecanoic acid (PFTA/PFTeA)	9.7	U	18	U	1.8	U	2.4	U
Perfluoroalkyl sulfonates	Perfluorobutanesulfonic acid (PFBS)	**15**	**J +**	**12**	**J I**	**6.8**	**I**	2.4	U
	Perfluorohexanesulfonic acid (PFHxS)	**3.9**	**J +**	18	U	**4.0**		**4.7**	
	Perfluoroheptanesulfonic acid (PFHpS)	9.7	U	18		1.8	U	2.4	U
	Perfluorooctanesulfonic acid (PFOS)	9.7	U	**8.6**	**J**	**6.2**		**5.7**	
	Perfluorodecanesulfonic acid (PFDS)	9.7	U	18	U	1.8	U	2.4	U
Fluorinated Telomer Sulfonates	6:2 Fluorotelomer sulfonate (6:2 FTS)	**8.8**	**J -**	**13**	**J**	**24**		**46**	
	8:2 Fluorotelomer sulfonate (8:2 FTS)	**3.1**	**J -**	18	U	**3.2**		**3**	**JI**
Perfluorooctane-sulfonamides	Perfluroroctanesulfonamide (PFOSA)	9.7	U	18	U	1.8	U	2.4	U
Perfluorooctane-sulfonamidoacetic acids	N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	24	U	44	U	4.6	U	2.4	U
	N-ethyl perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	24	U	44	U	4.6	U	2.4	U
	Perfluoro-4-methoxybutanoic acid (PFMBA)	4.7	U	4.7	U	4.7	U	**1.7**	**JI**
	Perfluoro-3-methoxypropanoic acid (PFMPA)	4.7	U	4.7	U	4.7	U	**4.9**	

NOTES:

PFAs guidance values

PFOA limit of 6.7 ppt

PFOS limit of 2.7 ppt

ng/L - nanograms per liter or parts per trillion (ppt)

PFAs analyzed by USEPA Method 537 (modified)

U = The analyte was analyzed for but was not detected above the level of the associated reported quantitation limit.

BOLD = The analyte was detected above the level of the assocaited reorted quantitation limit

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

J- = The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.

J+ = The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.

I = The sample value is EMPC (Estimated Maximum Possible Concentration).

R = The sample results are rejected due to serious deficiencies in meeting Quality Control limits.

APPENDIX 1

Site Inspection Forms

Inactive Hazardous Waste Site Inspection Form				Inspection Date: 5/9/2024
Site Name: ESCP-OU2 EAST			Site Location: 503, 625 Elk Street	
NYSDEC Site Number: C915201D			Site Classification #: BCP	
Primary Site Contact: M. Pearson				
Name of Inspector: Chris Finn			Phone: 716-907-0596	
Agency/Company: LaBella			Address: 300 Pearl Street Buffalo NY	

Soil/Gravel Cover System			Cover System Observations:
Cover System Onsite?	Yes ☑	No ☐	- No damage to cover system observed.
Vegetative Cover Condition	Yes ☑	No ☐	
Evidence of Vegetative Stress	Yes ☐	No ☑	
Mowing Required	Yes ☐	No ☑	
Presence of Debris	Yes ☐	No ☑	
Evidence of Ponded Water (A low area with water that remains for extended periods)	Yes ☐	No ☑	
Evidence of Wet Areas (wet soils not located in a depression)	Yes ☐	No ☑	
Evidence of Standing Water (water that is the result of recent precipitation events)	Yes ☐	No ☑	
Exposed Marker Layer	Yes ☐	No ☑	
Evidence of Erosion Settlement	Yes ☐	No ☑	
Evidence of Erosion	Yes ☐	No ☑	
Presence of Woody Growth	Yes ☐	No ☑	
Rutting due to unathurorized vehicles	Yes ☐	No ☑	
Animal burrows	Yes ☐	No ☑	

Inspection Observations (Document with photos and description)

- Five 55-gallon drums (full) on-site. To be picked up by ESG date pending.

Stormwater Collection and Dainage				Collection System Observations:
Drainage Channel/Structure/Pipes	Good ☑	Poor ☐	NA ☐	
Sedimentation:	Yes ☐	No ☑	NA ☐	
Debris:	Yes ☐	No ☑	NA ☐	
Erosion/Slope Loss:	Yes ☐	No ☑	NA ☐	
Rip-Rap Condition:	Good ☑	Poor ☐	NA ☐	
Other Drainage Structures/Pipes:	Good ☑	Poor ☐	NA ☐	
Detention Basin:	Good ☑	Poor ☐	NA ☐	

Access Road				Access Road Observations:
Overall Condition:	Good ☑	Poor ☐	NA ☐	
Potholes Observed:	Yes ☐	No ☑	NA ☐	

Interviews/Additional Contacts

Name/Title	Company/Entity	Phone Number	Email

Photo Log

Photograph #1:	Photograph #5:
Photograph #2:	Photograph #6:
Photograph #3:	Photograph #7:
Photograph #4:	Photograph #8:

Inactive Hazardous Waste Site Inspection Form				Inspection Date: 6/26/2024
Site Name: ESCP-OU2 EAST			Site Location: 503, 625 Elk Street	
NYSDEC Site Number: C915201D			Site Classification #: BCP	
Primary Site Contact: M. Pearson				
Name of Inspector: Chris Finn			Phone: 716-907-0596	
Agency/Company: LaBella			Address: 300 Pearl Street Buffalo NY	

Soil/Gravel Cover System			Cover System Observations:
Cover System Onsite?	Yes ☑	No ☐	- No damage to cover system observed. - Excavation work associated with utility pole installation occurred.
Vegetative Cover Condition	Yes ☑	No ☐	
Evidence of Vegetative Stress	Yes ☐	No ☑	
Mowing Required	Yes ☐	No ☑	
Presence of Debris	Yes ☐	No ☑	
Evidence of Ponded Water (A low area with water that remains for extended periods)	Yes ☐	No ☑	
Evidence of Wet Areas (wet soils not located in a depression)	Yes ☐	No ☑	
Evidence of Standing Water (water that is the result of recent precipitation events)	Yes ☐	No ☑	
Exposed Marker Layer	Yes ☐	No ☑	
Evidence of Erosion Settlement	Yes ☐	No ☑	
Evidence of Erosion	Yes ☐	No ☑	
Presence of Woody Growth	Yes ☐	No ☑	
Rutting due to unathurorized vehicles	Yes ☐	No ☑	
Animal burrows	Yes ☐	No ☑	

Inspection Observations (Document with photos and description)

- Five 55-gallon drums (full) on-site. To be picked up by ESG date pending.

Stormwater Collection and Dainage				Collection System Observations:
Drainage Channel/Structure/Pipes	Good ☑	Poor ☐	NA ☐	
Sedimentation:	Yes ☐	No ☑	NA ☐	
Debris:	Yes ☐	No ☑	NA ☐	
Erosion/Slope Loss:	Yes ☐	No ☑	NA ☐	
Rip-Rap Condition:	Good ☑	Poor ☐	NA ☐	
Other Drainage Structures/Pipes:	Good ☑	Poor ☐	NA ☐	
Detention Basin:	Good ☑	Poor ☐	NA ☐	

Access Road				Access Road Observations:
Overall Condition:	Good ☑	Poor ☐	NA ☐	
Potholes Observed:	Yes ☐	No ☑	NA ☐	

Interviews/Additional Contacts

Name/Title	Company/Entity	Phone Number	Email

Photo Log

Photograph #1:	Photograph #5:
Photograph #2:	Photograph #6:
Photograph #3:	Photograph #7:
Photograph #4:	Photograph #8:

Inactive Hazardous Waste Site Inspection Form				Inspection Date: 7/9/2024
Site Name: ESCP-OU2 EAST			Site Location: 503, 625 Elk Street	
NYSDEC Site Number: C915201D			Site Classification #: BCP	
Primary Site Contact: M. Pearson				
Name of Inspector: Chris Finn			Phone: 716-907-0596	
Agency/Company: LaBella			Address: 300 Pearl Street Buffalo NY	

Soil/Gravel Cover System			Cover System Observations:
Cover System Onsite?	Yes ☑	No ☐	- No damage to cover system observed.
Vegetative Cover Condition	Yes ☑	No ☐	
Evidence of Vegetative Stress	Yes ☐	No ☑	
Mowing Required	Yes ☐	No ☑	
Presence of Debris	Yes ☐	No ☑	
Evidence of Ponded Water (A low area with water that remains for extended periods)	Yes ☐	No ☑	
Evidence of Wet Areas (wet soils not located in a depression)	Yes ☐	No ☑	
Evidence of Standing Water (water that is the result of recent precipitation events)	Yes ☐	No ☑	
Exposed Marker Layer	Yes ☐	No ☑	
Evidence of Erosion Settlement	Yes ☐	No ☑	
Evidence of Erosion	Yes ☐	No ☑	
Presence of Woody Growth	Yes ☐	No ☑	
Rutting due to unathurorized vehicles	Yes ☐	No ☑	
Animal burrows	Yes ☐	No ☑	

Inspection Observations (Document with photos and description)

- Five 55-gallon drums (full) on-site. To be picked up by ESG date pending.

Stormwater Collection and Dainage				Collection System Observations:
Drainage Channel/Structure/Pipes	Good ☑	Poor ☐	NA ☐	
Sedimentation:	Yes ☐	No ☑	NA ☐	
Debris:	Yes ☐	No ☑	NA ☐	
Erosion/Slope Loss:	Yes ☐	No ☑	NA ☐	
Rip-Rap Condition:	Good ☑	Poor ☐	NA ☐	
Other Drainage Structures/Pipes:	Good ☑	Poor ☐	NA ☐	
Detention Basin:	Good ☑	Poor ☐	NA ☐	

Access Road				Access Road Observations:
Overall Condition:	Good ☑	Poor ☐	NA ☐	
Potholes Observed:	Yes ☐	No ☑	NA ☐	

Interviews/Additional Contacts

Name/Title	Company/Entity	Phone Number	Email

Photo Log

Photograph #1:	Photograph #5:
Photograph #2:	Photograph #6:
Photograph #3:	Photograph #7:
Photograph #4:	Photograph #8:

Inactive Hazardous Waste Site Inspection Form				Inspection Date: 8/27/2024
Site Name: ESCP-OU2 EAST			Site Location: 503, 625 Elk Street	
NYSDEC Site Number: C915201D			Site Classification #:	
Primary Site Contact: M. Pearson				
Name of Inspector: Carly Repka			Phone: 716-907-0596	
Agency/Company: LaBella			Address: 300 Pearl Street Buffalo NY	

Soil/Gravel Cover System			Cover System Observations:
Cover System Onsite?	Yes ☑	No ☐	No damage to the cover system observed
Vegetative Cover Condition	Yes ☑	No ☐	
Evidence of Vegetative Stress	Yes ☐	No ☑	
Mowing Required	Yes ☐	No ☑	
Presence of Debris	Yes ☐	No ☑	
Evidence of Ponded Water (A low area with water that remains for extended periods)	Yes ☐	No ☑	
Evidence of Wet Areas (wet soils not located in a depression)	Yes ☐	No ☑	
Evidence of Standing Water (water that is the result of recent precipitation events)	Yes ☐	No ☑	
Exposed Marker Layer	Yes ☐	No ☑	
Evidence of Erosion Settlement	Yes ☐	No ☑	
Evidence of Erosion	Yes ☐	No ☑	
Presence of Woody Growth	Yes ☐	No ☑	
Rutting due to unathurorized vehicles	Yes ☐	No ☑	
Animal burrows	Yes ☐	No ☑	

Inspection Observations (Document with photos and description)

- Five 55-gallon drums (full) on-site. To be picked up by ESG date pending.

Storm water Collection and Dainage				Collection System Observations:
Drainage Channel Condition:	Good ☑	Poor ☐	NA ☐	
Sedimentation:	Yes ☐	No ☑	NA ☐	
Debris:	Yes ☐	No ☑	NA ☐	
Erosion/Slope Loss:	Yes ☐	No ☑	NA ☐	
Rip-Rap Condition:	Good ☑	Poor ☐	NA ☐	
Other Drainage Structures/Pipes:	Good ☑	Poor ☐	NA ☐	
Detention Basin:	Good ☑	Poor ☐	NA ☐	

Access Road				Access Road Observations:
Overall Condition:	Yes ☑	No ☐	NA ☐	
Potholes Observed:	Yes ☐	No ☑	NA ☐	

Interviews/Additional Contacts

Name/Title	Company/Entity	Phone Number	Email

Photo Log

Photograph #1:	Photograph #5:
Photograph #2:	Photograph #6:
Photograph #3:	Photograph #7:
Photograph #4:	Photograph #8:

Inactive Hazardous Waste Site Inspection Form				Inspection Date: 9/30/2024
Site Name: ESCP-OU2 EAST			Site Location: 503, 625 Elk Street	
NYSDEC Site Number: C915201D			Site Classification #:	
Primary Site Contact: M. Pearson				
Name of Inspector: Carly Repka			Phone: 716-907-0596	
Agency/Company: LaBella			Address: 300 Pearl Street Buffalo NY	

Soil/Gravel Cover System			Cover System Observations:
Cover System Onsite?	Yes ☑	No ☐	No damage to the cover system observed
Vegetative Cover Condition	Yes ☑	No ☐	
Evidence of Vegetative Stress	Yes ☐	No ☑	
Mowing Required	Yes ☐	No ☑	
Presence of Debris	Yes ☐	No ☑	
Evidence of Ponded Water (A low area with water that remains for extended periods)	Yes ☐	No ☑	
Evidence of Wet Areas (wet soils not located in a depression)	Yes ☐	No ☑	
Evidence of Standing Water (water that is the result of recent precipitation events)	Yes ☐	No ☑	
Exposed Marker Layer	Yes ☐	No ☑	
Evidence of Erosion Settlement	Yes ☐	No ☑	
Evidence of Erosion	Yes ☐	No ☑	
Presence of Woody Growth	Yes ☐	No ☑	
Rutting due to unathurorized vehicles	Yes ☐	No ☑	
Animal burrows	Yes ☐	No ☑	

Inspection Observations (Document with photos and description)

- Five 55-gallon drums (full) on-site. To be picked up by ESG date pending.

Storm water Collection and Dainage				Collection System Observations:
Drainage Channel Condition:	Good ☑	Poor ☐	NA ☐	
Sedimentation:	Yes ☐	No ☑	NA ☐	
Debris:	Yes ☐	No ☑	NA ☐	
Erosion/Slope Loss:	Yes ☐	No ☑	NA ☐	
Rip-Rap Condition:	Good ☑	Poor ☐	NA ☐	
Other Drainage Structures/Pipes:	Good ☑	Poor ☐	NA ☐	
Detention Basin:	Good ☑	Poor ☐	NA ☐	

Access Road				Access Road Observations:
Overall Condition:	Yes ☑	No ☐	NA ☐	
Potholes Observed:	Yes ☐	No ☑	NA ☐	

Interviews/Additional Contacts

Name/Title	Company/Entity	Phone Number	Email

Photo Log

Photograph #1:	Photograph #5:
Photograph #2:	Photograph #6:
Photograph #3:	Photograph #7:
Photograph #4:	Photograph #8:

Inactive Hazardous Waste Site Inspection Form				Inspection Date: 10/30/2024
Site Name: ESCP-OU2 EAST			Site Location: 503, 625 Elk Street	
NYSDEC Site Number: C915201D			Site Classification #:	
Primary Site Contact: M. Pearson				
Name of Inspector: Carly Repka			Phone: 716-907-0596	
Agency/Company: LaBella			Address: 300 Pearl Street Buffalo NY	

Soil/Gravel Cover System			Cover System Observations:
Cover System Onsite?	Yes ☑	No ☐	No damage to the cover system observed
Vegetative Cover Condition	Yes ☑	No ☐	
Evidence of Vegetative Stress	Yes ☐	No ☑	
Mowing Required	Yes ☐	No ☑	
Presence of Debris	Yes ☐	No ☑	
Evidence of Ponded Water (A low area with water that remains for extended periods)	Yes ☐	No ☑	
Evidence of Wet Areas (wet soils not located in a depression)	Yes ☐	No ☑	
Evidence of Standing Water (water that is the result of recent precipitation events)	Yes ☐	No ☑	
Exposed Marker Layer	Yes ☐	No ☑	
Evidence of Erosion Settlement	Yes ☐	No ☑	
Evidence of Erosion	Yes ☐	No ☑	
Presence of Woody Growth	Yes ☐	No ☑	
Rutting due to unathurorized vehicles	Yes ☐	No ☑	
Animal burrows	Yes ☐	No ☑	

Inspection Observations (Document with photos and description)

- Five 55-gallon drums (full) on-site. To be picked up by ESG date pending.

Storm water Collection and Dainage				Collection System Observations:
Drainage Channel Condition:	Good ☑	Poor ☐	NA ☐	
Sedimentation:	Yes ☐	No ☑	NA ☐	
Debris:	Yes ☐	No ☑	NA ☐	
Erosion/Slope Loss:	Yes ☐	No ☑	NA ☐	
Rip-Rap Condition:	Good ☑	Poor ☐	NA ☐	
Other Drainage Structures/Pipes:	Good ☑	Poor ☐	NA ☐	
Detention Basin:	Good ☑	Poor ☐	NA ☐	

Access Road				Access Road Observations:
Overall Condition:	Yes ☑	No ☐	NA ☐	
Potholes Observed:	Yes ☐	No ☑	NA ☐	

Interviews/Additional Contacts

Name/Title	Company/Entity	Phone Number	Email

Photo Log

Photograph #1:	Photograph #5:
Photograph #2:	Photograph #6:
Photograph #3:	Photograph #7:
Photograph #4:	Photograph #8:

Inactive Hazardous Waste Site Inspection Form				Inspection Date: 11/29/2024
Site Name: ESCP-OU2 EAST			Site Location: 503, 625 Elk Street	
NYSDEC Site Number: C915201D			Site Classification #:	
Primary Site Contact: M. Pearson				
Name of Inspector: Carly Repka			Phone: 716-907-0596	
Agency/Company: LaBella			Address: 300 Pearl Street Buffalo NY	

Soil/Gravel Cover System			Cover System Observations:
Cover System Onsite?	Yes ☑	No ☐	No damage to the cover system observed
Vegetative Cover Condition	Yes ☑	No ☐	
Evidence of Vegetative Stress	Yes ☐	No ☑	
Mowing Required	Yes ☐	No ☑	
Presence of Debris	Yes ☐	No ☑	
Evidence of Ponded Water (A low area with water that remains for extended periods)	Yes ☐	No ☑	
Evidence of Wet Areas (wet soils not located in a depression)	Yes ☐	No ☑	
Evidence of Standing Water (water that is the result of recent precipitation events)	Yes ☐	No ☑	
Exposed Marker Layer	Yes ☐	No ☑	
Evidence of Erosion Settlement	Yes ☐	No ☑	
Evidence of Erosion	Yes ☐	No ☑	
Presence of Woody Growth	Yes ☐	No ☑	
Rutting due to unathurorized vehicles	Yes ☐	No ☑	
Animal burrows	Yes ☐	No ☑	

Inspection Observations (Document with photos and description)

Five soil drums picked up for disposal on 11/8/24. General mowing performed throughout the month, invasive woody growth removed from retention basin.

Storm water Collection and Dainage				Collection System Observations:
Drainage Channel Condition:	Good ☑	Poor ☐	NA ☐	
Sedimentation:	Yes ☐	No ☑	NA ☐	
Debris:	Yes ☐	No ☑	NA ☐	
Erosion/Slope Loss:	Yes ☐	No ☑	NA ☐	
Rip-Rap Condition:	Good ☑	Poor ☐	NA ☐	
Other Drainage Structures/Pipes:	Good ☑	Poor ☐	NA ☐	
Detention Basin:	Good ☑	Poor ☐	NA ☐	

Access Road				Access Road Observations:
Overall Condition:	Yes ☑	No ☐	NA ☐	
Potholes Observed:	Yes ☐	No ☑	NA ☐	

Interviews/Additional Contacts

Name/Title	Company/Entity	Phone Number	Email

Photo Log

Photograph #1:	Photograph #5:
Photograph #2:	Photograph #6:
Photograph #3:	Photograph #7:
Photograph #4:	Photograph #8:

Inactive Hazardous Waste Site Inspection Form				Inspection Date: 12/27/2024
Site Name: ESCP-OU2 EAST			Site Location: 503, 625 Elk Street	
NYSDEC Site Number: C915201D			Site Classification #:	
Primary Site Contact: M. Pearson				
Name of Inspector: Carly Repka			Phone: 716-907-0596	
Agency/Company: LaBella			Address: 300 Pearl Street Buffalo NY	

Soil/Gravel Cover System			Cover System Observations:
Cover System Onsite?	Yes ☑	No ☐	No damage to the cover system observed
Vegetative Cover Condition	Yes ☑	No ☐	
Evidence of Vegetative Stress	Yes ☐	No ☑	
Mowing Required	Yes ☐	No ☑	
Presence of Debris	Yes ☐	No ☑	
Evidence of Ponded Water (A low area with water that remains for extended periods)	Yes ☐	No ☑	
Evidence of Wet Areas (wet soils not located in a depression)	Yes ☐	No ☑	
Evidence of Standing Water (water that is the result of recent precipitation events)	Yes ☐	No ☑	
Exposed Marker Layer	Yes ☐	No ☑	
Evidence of Erosion Settlement	Yes ☐	No ☑	
Evidence of Erosion	Yes ☐	No ☑	
Presence of Woody Growth	Yes ☐	No ☑	
Rutting due to unathurorized vehicles	Yes ☐	No ☑	
Animal burrows	Yes ☐	No ☑	

Inspection Observations (Document with photos and description)

Storm water Collection and Dainage				Collection System Observations:
Drainage Channel Condition:	Good ☑	Poor ☐	NA ☐	
Sedimentation:	Yes ☐	No ☑	NA ☐	
Debris:	Yes ☐	No ☑	NA ☐	
Erosion/Slope Loss:	Yes ☐	No ☑	NA ☐	
Rip-Rap Condition:	Good ☑	Poor ☐	NA ☐	
Other Drainage Structures/Pipes:	Good ☑	Poor ☐	NA ☐	
Detention Basin:	Good ☑	Poor ☐	NA ☐	

Access Road				Access Road Observations:
Overall Condition:	Yes ☑	No ☐	NA ☐	
Potholes Observed:	Yes ☐	No ☑	NA ☐	

Interviews/Additional Contacts			
Name/Title	Company/Entity	Phone Number	Email

Photo Log	
Photograph #1:	Photograph #5:
Photograph #2:	Photograph #6:
Photograph #3:	Photograph #7:
Photograph #4:	Photograph #8:

Inactive Hazardous Waste Site Inspection Form				Inspection Date: 1/29/2025
Site Name: ESCP-OU2 EAST			Site Location: 503, 625 Elk Street	
NYSDEC Site Number: C915201D			Site Classification #:	
Primary Site Contact: M. Pearson				
Name of Inspector: Carly Repka			Phone: 716-907-0596	
Agency/Company: LaBella			Address: 300 Pearl Street Buffalo NY	

Soil/Gravel Cover System			Cover System Observations:
Cover System Onsite?	Yes ☑	No ☐	No damage to the cover system observed
Vegetative Cover Condition	Yes ☑	No ☐	
Evidence of Vegetative Stress	Yes ☐	No ☑	
Mowing Required	Yes ☐	No ☑	
Presence of Debris	Yes ☐	No ☑	
Evidence of Ponded Water (A low area with water that remains for extended periods)	Yes ☐	No ☑	
Evidence of Wet Areas (wet soils not located in a depression)	Yes ☐	No ☑	
Evidence of Standing Water (water that is the result of recent precipitation events)	Yes ☐	No ☑	
Exposed Marker Layer	Yes ☐	No ☑	
Evidence of Erosion Settlement	Yes ☐	No ☑	
Evidence of Erosion	Yes ☐	No ☑	
Presence of Woody Growth	Yes ☐	No ☑	
Rutting due to unathurorized vehicles	Yes ☐	No ☑	
Animal burrows	Yes ☐	No ☑	

Inspection Observations (Document with photos and description)

Storm water Collection and Dainage				Collection System Observations:
Drainage Channel Condition:	Good ☑	Poor ☐	NA ☐	
Sedimentation:	Yes ☐	No ☑	NA ☐	
Debris:	Yes ☐	No ☑	NA ☐	
Erosion/Slope Loss:	Yes ☐	No ☑	NA ☐	
Rip-Rap Condition:	Good ☑	Poor ☐	NA ☐	
Other Drainage Structures/Pipes:	Good ☑	Poor ☐	NA ☐	
Detention Basin:	Good ☑	Poor ☐	NA ☐	

Access Road				Access Road Observations:
Overall Condition:	Yes ☑	No ☐	NA ☐	
Potholes Observed:	Yes ☐	No ☑	NA ☐	

Interviews/Additional Contacts			
Name/Title	Company/Entity	Phone Number	Email

Photo Log	
Photograph #1:	Photograph #5:
Photograph #2:	Photograph #6:
Photograph #3:	Photograph #7:
Photograph #4:	Photograph #8:

Inactive Hazardous Waste Site Inspection Form				Inspection Date: 2/28/2025
Site Name: ESCP-OU2 EAST			Site Location: 503, 625 Elk Street	
NYSDEC Site Number: C915201D			Site Classification #:	
Primary Site Contact: M. Pearson				
Name of Inspector: Carly Repka & Gabe Hadley			Phone: 716-907-0596	
Agency/Company: LaBella			Address: 300 Pearl Street Buffalo NY	

Soil/Gravel Cover System			Cover System Observations:
Cover System Onsite?	Yes ☑	No ☐	No damage to the cover system observed
Vegetative Cover Condition	Yes ☑	No ☐	
Evidence of Vegetative Stress	Yes ☐	No ☑	
Mowing Required	Yes ☐	No ☑	
Presence of Debris	Yes ☐	No ☑	
Evidence of Ponded Water (A low area with water that remains for extended periods)	Yes ☐	No ☑	
Evidence of Wet Areas (wet soils not located in a depression)	Yes ☐	No ☑	
Evidence of Standing Water (water that is the result of recent precipitation events)	Yes ☐	No ☑	
Exposed Marker Layer	Yes ☐	No ☑	
Evidence of Erosion Settlement	Yes ☐	No ☑	
Evidence of Erosion	Yes ☐	No ☑	
Presence of Woody Growth	Yes ☐	No ☑	
Rutting due to unathurorized vehicles	Yes ☐	No ☑	
Animal burrows	Yes ☐	No ☑	

Inspection Observations (Document with photos and description)

Storm water Collection and Dainage				Collection System Observations:
Drainage Channel Condition:	Good ☑	Poor ☐	NA ☐	
Sedimentation:	Yes ☐	No ☑	NA ☐	
Debris:	Yes ☐	No ☑	NA ☐	
Erosion/Slope Loss:	Yes ☐	No ☑	NA ☐	
Rip-Rap Condition:	Good ☑	Poor ☐	NA ☐	
Other Drainage Structures/Pipes:	Good ☑	Poor ☐	NA ☐	
Detention Basin:	Good ☑	Poor ☐	NA ☐	

Access Road				Access Road Observations:
Overall Condition:	Yes ☑	No ☐	NA ☐	
Potholes Observed:	Yes ☐	No ☑	NA ☐	

Interviews/Additional Contacts			
Name/Title	Company/Entity	Phone Number	Email

Photo Log	
Photograph #1:	Photograph #5:
Photograph #2:	Photograph #6:
Photograph #3:	Photograph #7:
Photograph #4:	Photograph #8:

Inactive Hazardous Waste Site Inspection Form				Inspection Date: 3/28/2025
Site Name: ESCP-OU2 EAST			Site Location: 503, 625 Elk Street	
NYSDEC Site Number: C915201D			Site Classification #:	
Primary Site Contact: M. Pearson				
Name of Inspector: Carly Repka			Phone: 716-907-0596	
Agency/Company: LaBella			Address: 300 Pearl Street Buffalo NY	

Soil/Gravel Cover System			Cover System Observations:
Cover System Onsite?	Yes ☑	No ☐	No damage to the cover system observed
Vegetative Cover Condition	Yes ☑	No ☐	
Evidence of Vegetative Stress	Yes ☐	No ☑	
Mowing Required	Yes ☐	No ☑	
Presence of Debris	Yes ☐	No ☑	
Evidence of Ponded Water (A low area with water that remains for extended periods)	Yes ☐	No ☑	
Evidence of Wet Areas (wet soils not located in a depression)	Yes ☐	No ☑	
Evidence of Standing Water (water that is the result of recent precipitation events)	Yes ☐	No ☑	
Exposed Marker Layer	Yes ☐	No ☑	
Evidence of Erosion Settlement	Yes ☐	No ☑	
Evidence of Erosion	Yes ☐	No ☑	
Presence of Woody Growth	Yes ☐	No ☑	
Rutting due to unathurorized vehicles	Yes ☐	No ☑	
Animal burrows	Yes ☐	No ☑	

Inspection Observations (Document with photos and description)

Storm water Collection and Dainage				Collection System Observations:
Drainage Channel Condition:	Good ☑	Poor ☐	NA ☐	
Sedimentation:	Yes ☐	No ☑	NA ☐	
Debris:	Yes ☐	No ☑	NA ☐	
Erosion/Slope Loss:	Yes ☐	No ☑	NA ☐	
Rip-Rap Condition:	Good ☑	Poor ☐	NA ☐	
Other Drainage Structures/Pipes:	Good ☑	Poor ☐	NA ☐	
Detention Basin:	Good ☑	Poor ☐	NA ☐	

Access Road				Access Road Observations:
Overall Condition:	Yes ☑	No ☐	NA ☐	
Potholes Observed:	Yes ☐	No ☑	NA ☐	

Interviews/Additional Contacts			
Name/Title	Company/Entity	Phone Number	Email

Photo Log	
Photograph #1:	Photograph #5:
Photograph #2:	Photograph #6:
Photograph #3:	Photograph #7:
Photograph #4:	Photograph #8:

Inactive Hazardous Waste Site Inspection Form				Inspection Date: 4/25/2025
Site Name: ESCP-OU2 EAST			Site Location: 503, 625 Elk Street	
NYSDEC Site Number: C915201D			Site Classification #:	
Primary Site Contact: M. Pearson				
Name of Inspector: Carly Repka			Phone: 716-907-0596	
Agency/Company: LaBella			Address: 300 Pearl Street Buffalo NY	

Soil/Gravel Cover System			Cover System Observations:
Cover System Onsite?	Yes ☑	No ☐	No damage to the cover system observed
Vegetative Cover Condition	Yes ☑	No ☐	
Evidence of Vegetative Stress	Yes ☐	No ☑	
Mowing Required	Yes ☐	No ☑	
Presence of Debris	Yes ☐	No ☑	
Evidence of Ponded Water (A low area with water that remains for extended periods)	Yes ☐	No ☑	
Evidence of Wet Areas (wet soils not located in a depression)	Yes ☐	No ☑	
Evidence of Standing Water (water that is the result of recent precipitation events)	Yes ☐	No ☑	
Exposed Marker Layer	Yes ☐	No ☑	
Evidence of Erosion Settlement	Yes ☐	No ☑	
Evidence of Erosion	Yes ☐	No ☑	
Presence of Woody Growth	Yes ☐	No ☑	
Rutting due to unathurorized vehicles	Yes ☐	No ☑	
Animal burrows	Yes ☐	No ☑	

Inspection Observations (Document with photos and description)

Storm water Collection and Dainage				Collection System Observations:
Drainage Channel Condition:	Good ☑	Poor ☐	NA ☐	
Sedimentation:	Yes ☐	No ☑	NA ☐	
Debris:	Yes ☐	No ☑	NA ☐	
Erosion/Slope Loss:	Yes ☐	No ☑	NA ☐	
Rip-Rap Condition:	Good ☑	Poor ☐	NA ☐	
Other Drainage Structures/Pipes:	Good ☑	Poor ☐	NA ☐	
Detention Basin:	Good ☑	Poor ☐	NA ☐	

Access Road				Access Road Observations:
Overall Condition:	Yes ☑	No ☐	NA ☐	
Potholes Observed:	Yes ☐	No ☑	NA ☐	

Interviews/Additional Contacts			
Name/Title	Company/Entity	Phone Number	Email

Photo Log	
Photograph #1:	Photograph #5:
Photograph #2:	Photograph #6:
Photograph #3:	Photograph #7:
Photograph #4:	Photograph #8:

APPENDIX 2

Site Photographs

OU-2E facing West

OU-2E facing North

OU-2E facing North/ East

OU-2 facing East

OU-2E facing North, Swale

OU-2E facing South/West

OU-2E facing West

Building on OU-2E

OU-2E facing South

OU-2E facing East

View of fencing on OU-2E

OU-2E facing East

OU-2E facing South

OU-2E facing West

Back of Buckeye property facing East

Front of Buckleye property facing East

Trench for electrical tie in

Soft dig for pole

Electrical trench tie in facing North

Electrical trench tie in facing South

Poles facing South

Ditch

Poles facing East

Roadway on OU-2E

Solar facing East

Solar facing West

Roadway on OU-2E

Electrical tie in

APPENDIX 3

Institutional and Engineering Controls Certification Forms

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **C915201B**

Site Name ExxonMobil Oil Former Buffalo Terminal OU-2 East

Site Address: 503/ 623 / 625 / 635 / 677 Elk Street Zip Code: 14210
City/Town: Buffalo
County: Erie
Site Acreage: 33.450

Reporting Period: April 30, 2024 to April 30, 2025

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. C915201B **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
123.13-1-25	ShotClub Social Buffalo, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan

The remedy achieves a Track 4 commercial use cleanup at a minimum and includes the imposition of a an environmental easement and a site management plan as described below.

- INSTITUTIONAL CONTROLS

Imposition of an environmental easement for the controlled property that:

o requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);

o allows the use and development of the controlled property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;

o restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH; and

o requires compliance with the Department approved Site Management Plan.

- SITE MANAGEMENT PLAN

A Site Management Plan which includes the following:

o an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:

Institutional Controls: Environmental Easement described above.

Engineering Controls: discussed in engineering control description.

This plan includes, but may not be limited to:

- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
- descriptions of the provisions of the environmental easement including any land use and groundwater use restrictions;
- a provision for evaluation of the potential for soil vapor intrusion for any current or new buildings on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
- a provision that should an existing or future building or building foundation be demolished in the future, a cover system consistent with that described in Engineering Controls will be placed in any areas where the upper one foot of exposed surface soil exceed the applicable SCOs;
- provisions for the management and inspection of the identified engineering controls:
- maintaining site access controls and Department notification; and
- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

123.13-1-26	ShotClub Social Buffalo, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan

The remedy achieves a Track 4 commercial use cleanup at a minimum and includes the imposition of a an environmental easement and a site management plan as described below.

- INSTITUTIONAL CONTROLS

Imposition of an environmental easement for the controlled property that:
o requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
o allows the use and development of the controlled property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
o restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH; and
o requires compliance with the Department approved Site Management Plan.

• SITE MANAGEMENT PLAN
A Site Management Plan which includes the following:
o an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:
Institutional Controls: Environmental Easement described above.
Engineering Controls: discussed in engineering control description.
This plan includes, but may not be limited to:
- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
- descriptions of the provisions of the environmental easement including any land use and groundwater use restrictions;
- a provision for evaluation of the potential for soil vapor intrusion for any current or new buildings on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
- a provision that should an existing or future building or building foundation be demolished in the future, a cover system consistent with that described in Engineering Controls will be placed in any areas where the upper one foot of exposed surface soil exceed the applicable SCOs;
- provisions for the management and inspection of the identified engineering controls:
- maintaining site access controls and Department notification; and
- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

123.13-1-27 Buckeye Terminals, LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Building Use Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

The remedy achieves a Track 4 commercial use cleanup at a minimum and includes the imposition of a an environmental easement and a site management plan as described below.

• INSTITUTIONAL CONTROLS
Imposition of an environmental easement for the controlled property that:
o requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
o allows the use and development of the controlled property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
o restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH; and
o requires compliance with the Department approved Site Management Plan.

• SITE MANAGEMENT PLAN
A Site Management Plan which includes the following:
o an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:
Institutional Controls: Environmental Easement described above.
Engineering Controls: discussed in engineering control description.
This plan includes, but may not be limited to:
- an Excavation Plan which details the provisions for management of future excavations in areas of

remaining contamination;
- descriptions of the provisions of the environmental easement including any land use and groundwater use restrictions;
- a provision for evaluation of the potential for soil vapor intrusion for any current or new buildings on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
- a provision that should an existing or future building or building foundation be demolished in the future, a cover system consistent with that described in Engineering Controls will be placed in any areas where the upper one foot of exposed surface soil exceed the applicable SCOs;
- provisions for the management and inspection of the identified engineering controls:
- maintaining site access controls and Department notification; and
- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

Portion of 123.13-1-2.111 503 Elk Street LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Site Management Plan
IC/EC Plan

Building Use Restriction
Monitoring Plan
Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Building Use Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

The remedy achieves a Track 4 commercial use cleanup at a minimum and includes the imposition of a an environmental easement and a site management plan as described below.

• INSTITUTIONAL CONTROLS
Imposition of an environmental easement for the controlled property that:
o requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
o allows the use and development of the controlled property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
o restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH; and
o requires compliance with the Department approved Site Management Plan.

• SITE MANAGEMENT PLAN
A Site Management Plan which includes the following:
o an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:
Institutional Controls: Environmental Easement described above.
Engineering Controls: discussed in engineering control description.
This plan includes, but may not be limited to:
- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
- descriptions of the provisions of the environmental easement including any land use and groundwater use restrictions;
- a provision for evaluation of the potential for soil vapor intrusion for any current or new buildings on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
- a provision that should an existing or future building or building foundation be demolished in the future, a cover system consistent with that described in Engineering Controls will be placed in any areas where the upper one foot of exposed surface soil exceed the applicable SCOs;
- provisions for the management and inspection of the identified engineering controls:

- maintaining site access controls and Department notification; and
- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

Portion of 123.13-1-24 Buckeye Terminals, LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Building Use Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

The remedy achieves a Track 4 commercial use cleanup at a minimum and includes the imposition of a an environmental easement and a site management plan as described below.

• INSTITUTIONAL CONTROLS

Imposition of an environmental easement for the controlled property that:

o requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);

o allows the use and development of the controlled property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;

o restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH; and

o requires compliance with the Department approved Site Management Plan.

• SITE MANAGEMENT PLAN

A Site Management Plan which includes the following:

o an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:

Institutional Controls: Environmental Easement described above.

Engineering Controls: discussed in engineering control description.

This plan includes, but may not be limited to:

- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
- descriptions of the provisions of the environmental easement including any land use and groundwater use restrictions;
- a provision for further investigation and remediation should large scale redevelopment occur, if any of the existing structures which will remain are demolished, or if the subsurface is otherwise made accessible. The nature and extent of contamination in areas where access was previously limited or unavailable will be immediately and thoroughly investigated pursuant to a plan approved by the Department. Based on the investigation results and the Department determination of the need for a remedy, a Remedial Action Work Plan (RAWP) will be developed for the final remedy for the site, including removal and/or treatment of any source areas to the extent feasible. Citizen Participation Plan (CPP) activities will continue through this process. Any necessary remediation will be completed prior to, or in association with, redevelopment. This includes grossly impacted soil and former refinery piping that may be located beneath or in the immediate vicinity or the two large buildings located on Buckeye Terminal property at the south east portion of the site.
- a provision for evaluation of the potential for soil vapor intrusion for any current or new buildings on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
- a provision that should an existing or future building or building foundation be demolished in the future, a cover system consistent with that described in Engineering Controls will be placed in any areas where the upper one foot of exposed surface soil exceed the applicable SCOs;
- provisions for the management and inspection of the identified engineering controls:
- maintaining site access controls and Department notification; and
- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
123.13-1-25	Cover System

1. SITE COVER

A site cover was installed to allow for commercial use of the site in areas where the upper one foot of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs) and over stabilized/treated soil. Where a soil cover is to be used it will be a minimum of one foot of soil placed over a demarcation layer, with the upper six inches of soil of sufficient quality to maintain a vegetative layer. Soil cover material, including any fill material brought to the site, will meet the SCOs for cover material for the use of the site as set forth in 6 NYCRR Part 375-6.7(d). Substitution of other materials and components may be allowed where such components already exist or are a component of the tangible property to be placed as part of site redevelopment. Such components may include, but are not necessarily limited to: pavement, concrete, paved surface parking areas, sidewalks, building foundations and building slabs.

123.13-1-26	Cover System

1. SITE COVER

A site cover was installed to allow for commercial use of the site in areas where the upper one foot of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs) and over stabilized/treated soil. Where a soil cover is to be used it will be a minimum of one foot of soil placed over a demarcation layer, with the upper six inches of soil of sufficient quality to maintain a vegetative layer. Soil cover material, including any fill material brought to the site, will meet the SCOs for cover material for the use of the site as set forth in 6 NYCRR Part 375-6.7(d). Substitution of other materials and components may be allowed where such components already exist or are a component of the tangible property to be placed as part of site redevelopment. Such components may include, but are not necessarily limited to: pavement, concrete, paved surface parking areas, sidewalks, building foundations and building slabs.

123.13-1-27	Cover System

1. SITE COVER

A site cover was installed to allow for commercial use of the site in areas where the upper one foot of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs) and over stabilized/treated soil. Where a soil cover is to be used it will be a minimum of one foot of soil placed over a demarcation layer, with the upper six inches of soil of sufficient quality to maintain a vegetative layer. Soil cover material, including any fill material brought to the site, will meet the SCOs for cover material for the use of the site as set forth in 6 NYCRR Part 375-6.7(d). Substitution of other materials and components may be allowed where such components already exist or are a component of the tangible property to be placed as part of site redevelopment. Such components may include, but are not necessarily limited to: pavement, concrete, paved surface parking areas, sidewalks, building foundations and building slabs.

Portion of 123.13-1-2.111	Cover System Cover System

1. SITE COVER

A site cover was installed to allow for commercial use of the site in areas where the upper one foot of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs) and over stabilized/treated soil. Where a soil cover is to be used it will be a minimum of one foot of soil placed over a demarcation layer, with the upper six inches of soil of sufficient quality to maintain a vegetative layer. Soil cover material, including any fill material brought to the site, will meet the SCOs for cover material for the use of the site as set forth in 6 NYCRR Part 375-6.7(d). Substitution of other materials and components may be allowed where such components already exist or are a component of the tangible property to be placed as part of site redevelopment. Such components may include, but are not necessarily limited to: pavement, concrete, paved surface parking areas, sidewalks, building foundations and building slabs.

Portion of 123.13-1-24	Cover System

1. SITE COVER

A site cover was installed to allow for commercial use of the site in areas where the upper one foot of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs) and over stabilized/treated soil. Where a soil cover is to be used it will be a minimum of one foot of soil placed over a demarcation layer, with the upper six inches of soil of sufficient quality to maintain a vegetative layer. Soil cover material, including any fill material brought to the site, will meet the SCOs for cover

Parcel	Engineering Control

material for the use of the site as set forth in 6 NYCRR Part 375-6.7(d). Substitution of other materials and components may be allowed where such components already exist or are a component of the tangible property to be placed as part of site redevelopment. Such components may include, but are not necessarily limited to: pavement, concrete, paved surface parking areas, sidewalks, building foundations and building slabs.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

Docusign Envelope ID: 95EED3E1-777A-493E-BEB8-2292F77CAF64

IC CERTIFICATIONS
SITE NO. C915201B

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Robert V Pierce (print name) at 1740 Elmwood Avenue, Buffalo, NY 14207 (print business address),

am certifying as 503 Elk Street LLC (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

5/14/25
Date

IC CERTIFICATIONS
SITE NO. C915201B

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Joseph A. Petrella at 555 ELK ST., Buffalo, NY 14210
print name print business address

am certifying as Owner's Managing Member (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

5.25.25
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Daniel Noll (print name) at LaBella Associates, D.P.C. 300 State Street, Rochester, NY (print business address),

am certifying as a Professional Engineer for the Owner (Owner or Remedial Party)

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date
		5/30/25

APPENDIX 4

Groundwater Sampling Field Logs

LaBella
Powered by partnership.
300 Pearl Street, Ste. 130
Buffalo, New York 14202
Telephone: (716) 551-6281

GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-OU2-1

Project Name: Elk Street Commerce Park
Location: OU-2 East
Project No.: 2241733
Sampled By: Chris Finn
Date: 6/12/2024-6/13/2024
Weather:

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: 11.08
Static Water Level:
One Well Volume:

PURGE AND SAMPLING METHOD

■ Bailer – Type: Dedicated, one-inch
Sampling Device: N/A
☐ Pump – Type: N/A
Pump Rate: N/A

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Redox (mV)	DO (mg/L)	Turbidity (NTU)	Comments
15:00		10.94	19	0.591	27.2	4.54	13.02	
15:05	.75	11.20	15.3	0.744	29.7	6.39	410.03	
10:05		10.96	16.6	0.802	-255.9	7.06	600.09	

Total .75 Gallons Purged

Purge Time Start: 15:00
Purge Time End: 15:05

WELL SAMPLING

Sample I.D.: MW-OU2-1
No. of Containers: Two
Sample Time: 10:05
Sample Preservation: None/Nitric Acid

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
■ Other: Total Lead

OBSERVATIONS

Notes:
Purged dry

No water level taken due to construction, well lowered

Recharge Behavior: ☐ Fast ☐ Moderate ■ Slow ■ Purged Dry

LaBella
Powered by partnership.
300 Pearl Street, Ste. 130
Buffalo, New York 14202
Telephone: (716) 551-6281

GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-OU2-2

Project Name: Elk Street Commerce Park
Location: OU-2 East
Project No.: 2241733
Sampled By: Chris Finn
Date: 6/12/2024-6/13/2024
Weather:

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: 9.96
Static Water Level:
One Well Volume:

PURGE AND SAMPLING METHOD

☒ Bailer – Type: Dedicated, one-inch
Sampling Device: N/A
☐ Pump – Type: N/A
Pump Rate: N/A

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Redox (mV)	DO (mg/L)	Turbidity (NTU)	Comments
15:10		9.10	18.8	0.905	87.6	6.78	52.91	
15:15	.75	8.20	15.7	1.058	116.9	5.46	561.27	
10:15		9.74	16.4	1.072	87.5	7.85	40.01	

Total .75 Gallons Purged

Purge Time Start: 15:10
Purge Time End: 15;15

WELL SAMPLING

Sample I.D.: MW-OU2-2
No. of Containers: Two
Sample Time: 10:15
Sample Preservation: None/Nitric Acid

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
☒ Other: Total Lead

OBSERVATIONS

Notes:
Purged dry

No water level taken due to construction, well lowered

Recharge Behavior: ☐ Fast ☐ Moderate ☐ Slow ☐ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-OU2-3

Project Name: Elk Street Commerce Park
Location: OU-2 East
Project No.: 2241733
Sampled By: Chris Finn
Date: 6/12/2024-6/12/2024
Weather:

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: 11.04
Static Water Level: 6.18
One Well Volume: .77

PURGE AND SAMPLING METHOD

☒ Bailer – Type: Dedicated, one-inch
Sampling Device: N/A
☐ Pump – Type: N/A
Pump Rate: N/A

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Redox (mV)	DO (mg/L)	Turbidity (NTU)	Comments
15:45		8.11	18.5	0.851	132.8	7.91	26.32	
15:50	.77	8.00	15.5	0.853	125.1	5.80	67.18	
10:30		9.20	16.3	0.858	103.5	8.02	21.28	

Total .77 Gallons Purged

Purge Time Start: 15:45
Purge Time End: 15:50

WELL SAMPLING

Sample I.D.: MW-OU2-3
No. of Containers: Two
Sample Time: 10:30
Sample Preservation: None/Nitric Acid

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
☒ Other: Total Lead

OBSERVATIONS

Notes:
Dry after one well volume

Recharge Behavior: ☐ Fast ☐ Moderate ☒ Slow ☒ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-OU2-4

Project Name: Elk Street Commerce Park
Location: OU-2 East
Project No.: 2241733
Sampled By: Chris Finn
Date: 6/12/2024-6/13/2024
Weather:

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: 9.06
Static Water Level: 5.79
One Well Volume: .52

PURGE AND SAMPLING METHOD

■ Bailer – Type: Dedicated, one-inch
Sampling Device: N/A
☐ Pump – Type: N/A
Pump Rate: N/A

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Redox (mV)	DO (mg/L)	Turbidity (NTU)	Comments
16:05		8.84	18.8	0.908	108.9	8.22	4.75	
11:00		9.53	17.2	0.852	82.7	7.31	22.70	

Total .40 Gallons Purged

Purge Time Start: 16:05
Purge Time End: 16:08

WELL SAMPLING

Sample I.D.: MW-OU2-4
No. of Containers: Two
Sample Time: 11:00
Sample Preservation: None/Nitric Acid

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
■ Other: Total Lead

OBSERVATIONS

Notes:
Dry before 1 well volume

Recharge Behavior: ☐ Fast ☐ Moderate ■ Slow ■ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-OU2-1

Project Name: Elk Street Commerce Park
Location: OU-2 East
Project No.: 2251277
Sampled By: Carly Repka
Date: 9/11/2024-9/12/2024
Weather:

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: 7.7
Static Water Level: 4.5
One Well Volume: 1

PURGE AND SAMPLING METHOD

■ Bailer – Type: Dedicated, one-inch
Sampling Device: N/A
☐ Pump – Type: N/A
Pump Rate: N/A

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Redox (mV)	DO (mg/L)	Turbidity (NTU)	Comments
8:53		10.49	20.1	.622	25.3	5.52	6.25	
8:56		11.15	19.0	.724	7.4	5.88	68.69	
8:55		11.24	21.8	.741	2.4	5.91	35.86	

Total 1 Gallons Purged

Purge Time Start: 8:53
Purge Time End: 8:56

WELL SAMPLING

Sample I.D.: MW-OU2-1
No. of Containers: Two
Sample Time: 8:55
Sample Preservation: None/Nitric Acid

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
■ Other: Total Lead/PFAS

OBSERVATIONS

Notes:
Well purged dry

Recharge Behavior: ☐ Fast ☐ Moderate ■ Slow ■ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-OU2-2

Project Name: Elk Street Commerce Park
Location: OU-2 East
Project No.: 2251277
Sampled By: Carly Repka
Date: 9/11/2024-9/12/2024
Weather:

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: 7.00
Static Water Level: 1.5
One Well Volume: 1.3

PURGE AND SAMPLING METHOD

■ Bailer – Type: Dedicated, one-inch
Sampling Device: N/A
☐ Pump – Type: N/A
Pump Rate: N/A

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Redox (mV)	DO (mg/L)	Turbidity (NTU)	Comments
9:15		11.23	22.8	.760	13.6	5.41	4.58	
9:18	1.3	10.49	21.1	.618	23.9	5.68	588.39	
9:20		9.68	22.2	.940	44.5	6.41	48.99	

Total 1.3 Gallons Purged

Purge Time Start: 9:15
Purge Time End: 9:18

WELL SAMPLING

Sample I.D.: MW-OU2-2
No. of Containers: Two
Sample Time: 9:20
Sample Preservation: None/Nitric Acid

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
■ Other: Total Lead/PFAS

OBSERVATIONS

Notes:
Well dry after one volume

Duplicate taken at well

Recharge Behavior: ☐ Fast ☐ Moderate ■ Slow ■ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-OU2-3

Project Name: Elk Street Commerce Park
Location: OU-2 East
Project No.: 2251277
Sampled By: Carly Repka
Date: 9/11/2024-9/12/2024
Weather:

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: 11.04
Static Water Level: 6.65
One Well Volume: .7

PURGE AND SAMPLING METHOD

■ Bailer – Type: Dedicated, one-inch
Sampling Device: N/A
☐ Pump – Type: N/A
Pump Rate: N/A

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Redox (mV)	DO (mg/L)	Turbidity (NTU)	Comments
9:25		9.14	20.3	.928	70.3	6.10	11.78	
9:28	.7	8.55	19.7	.931	76.1	6.49	17.60	
9:30		9.06	20.4	.933	62.2	6.58	27.58	

Total .7 Gallons Purged

Purge Time Start: 9:25
Purge Time End: 9:28

WELL SAMPLING

Sample I.D.:
No. of Containers: Two
Sample Time: 9:30
Sample Preservation: None/Nitric Acid

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
■ Other: Total Lead/PFAS

OBSERVATIONS

Notes:
Dry after one well volume

Recharge Behavior: ☐ Fast ☐ Moderate ■ Slow ■ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-OU2-4

Project Name: Elk Street Commerce Park
Location: OU-2 East
Project No.: 2251277
Sampled By: Carly Repka
Date: 9/11/2024-9/12/2024
Weather:

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: 9.06
Static Water Level: 6.16
One Well Volume: .4

PURGE AND SAMPLING METHOD

■ Bailer – Type: Dedicated, one-inch
Sampling Device: N/A
☐ Pump – Type: N/A
Pump Rate: N/A

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Redox (mV)	DO (mg/L)	Turbidity (NTU)	Comments
9:51		9.07	21.1	1.020	69.5	5.13	4.35	
9:54	.4	9.37	20.3	1.014	60.5	5.87	17.10	
9:55		9.63	9.63	.902	46.6	7.36	18.83	

Total .4 Gallons Purged

Purge Time Start: 9:51
Purge Time End: 9:55

WELL SAMPLING

Sample I.D.: MW-OU2-4
No. of Containers: Two
Sample Time: 9:55
Sample Preservation: None/Nitric Acid

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
■ Other: Total Lead/PFAS

OBSERVATIONS

Notes:
Dry after one well volume

Recharge Behavior: ☐ Fast ☐ Moderate ■ Slow ■ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-OU2-1

Project Name: Elk Street Commerce Park
Location: OU-2 East
Project No.: 2251277
Sampled By: Carly Repka
Date: 12/30/2024-12/31/2024
Weather:

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: 7.7
Static Water Level: 3.94
One Well Volume: .60

PURGE AND SAMPLING METHOD

■ Bailer – Type: Dedicated, one-inch
Sampling Device: N/A
☐ Pump – Type: N/A
Pump Rate: N/A

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Redox (mV)	DO (mg/L)	Turbidity (NTU)	Comments
7:50		11.31	9.6	.709	96.1	4.82	10.21	
7:53	.60	11.52	8.8	.748	84.2	5.09	34.17	
7:50		11.80	9.3	.766	88.7	6.47	14.32	

Total .60 Gallons Purged

Purge Time Start: 7:50
Purge Time End: 7:53

WELL SAMPLING

Sample I.D.: MW-OU2-1
No. of Containers: Two
Sample Time: 7:50
Sample Preservation: None/Nitric Acid

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
■ Other: Total Lead

OBSERVATIONS

Notes:
Well purged dry

Recharge Behavior: ☐ Fast ☐ Moderate ■ Slow ■ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-OU2-2

Project Name: Elk Street Commerce Park
Location: OU-2 East
Project No.: 2251277
Sampled By: Carly Repka
Date: 12/30/2024-12/31/2024
Weather:

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: 7.00
Static Water Level: 3.4
One Well Volume: .57

PURGE AND SAMPLING METHOD

■ Bailer – Type: Dedicated, one-inch
Sampling Device: N/A
☐ Pump – Type: N/A
Pump Rate: N/A

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Redox (mV)	DO (mg/L)	Turbidity (NTU)	Comments
8:10		8.90	9.0	0.324	125.0	5.57	71.87	
8:12	.57	8.68	9.1	0.343	128.9	5.77	119.86	
8:10		8.93	9.9	0.453	137.8	6.15	133.11	

Total .57 Gallons Purged

Purge Time Start: 8:10
Purge Time End: 8:12

WELL SAMPLING

Sample I.D.: MW-OU2-2
No. of Containers: Two
Sample Time: 8:10
Sample Preservation: None/Nitric Acid

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
■ Other: Total Lead

OBSERVATIONS

Notes:
Well dry after one volume

Recharge Behavior: ☐ Fast ☐ Moderate ■ Slow ■ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-OU2-3

Project Name: Elk Street Commerce Park
Location: OU-2 East
Project No.: 2251277
Sampled By: Carly Repka
Date: 12/30/2024-12/31/2024
Weather:

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: 11.04
Static Water Level: 6.0
One Well Volume: .8

PURGE AND SAMPLING METHOD

■ Bailer – Type: Dedicated, one-inch
Sampling Device: N/A
☐ Pump – Type: N/A
Pump Rate: N/A

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Redox (mV)	DO (mg/L)	Turbidity (NTU)	Comments
8:25		8.16	8.9	0.890	133.1	5.23	30.64	
8:28	.8	8.26	9.1	0.902	79.6	4.68	19.79	
8:25		8.18	9.5	0.909	117.3	5.52	11.57	

Total .7 Gallons Purged

Purge Time Start: 8:25
Purge Time End: 8:28

WELL SAMPLING

Sample I.D.:
No. of Containers: Two
Sample Time: 8:25
Sample Preservation: None/Nitric Acid

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
■ Other: Total Lead

OBSERVATIONS

Notes:
Dry after one well volume

Recharge Behavior: ☐ Fast ☐ Moderate ■ Slow ■ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-OU2-4

Project Name: Elk Street Commerce Park
Location: OU-2 East
Project No.: 2251277
Sampled By: Carly Repka
Date: 12/30/2024-12/31/2024
Weather:

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: 9.06
Static Water Level: 5.85
One Well Volume: .5

PURGE AND SAMPLING METHOD

■ Bailer – Type: Dedicated, one-inch
Sampling Device: N/A
☐ Pump – Type: N/A
Pump Rate: N/A

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Redox (mV)	DO (mg/L)	Turbidity (NTU)	Comments
8:54		9.58	9.0	0.935	69.8	9.82	8.11	
8:56	.5	9.95	9.0	0.933	31.5	4.44	7.20	
8:55		9.62	9.9	0.889	109.6	5.53	33.51	

Total .5 Gallons Purged

Purge Time Start: 8:54
Purge Time End: 8:56

WELL SAMPLING

Sample I.D.: MW-OU2-4
No. of Containers: Two
Sample Time: 8:55
Sample Preservation: None/Nitric Acid

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
■ Other: Total Lead

OBSERVATIONS

Notes:
Dry after one well volume

Recharge Behavior: ☐ Fast ☐ Moderate ■ Slow ■ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-OU2-1

Project Name: Elk Street Commerce Park
Location: OU-2 East
Project No.: 2251277
Sampled By: Carly Repka
Date: 3/3/2025-3/4/2025
Weather:

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: 7.7
Static Water Level: 3.98
One Well Volume: .48

PURGE AND SAMPLING METHOD

■ Bailer – Type: Dedicated, one-inch
Sampling Device: N/A
☐ Pump – Type: N/A
Pump Rate: N/A

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Redox (mV)	DO (mg/L)	Turbidity (NTU)	Comments
9:35		11.27	1.80	0.691	46.20	5.91	17.84	
9:37	.5	11.50	5.30	0.712	-72.00	4.61	116.08	well purged dry
9:35		11.50	7.60	0.702	-19.50	6.08	20.27	

Total .5 Gallons Purged

Purge Time Start: 9:35
Purge Time End: 9:37

WELL SAMPLING

Sample I.D.: MW-OU2-1
No. of Containers: Two
Sample Time:
Sample Preservation: None/Nitric Acid

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
■ Other: Total Lead

OBSERVATIONS

Notes:
Well purged dry

Recharge Behavior: ☐ Fast ☐ Moderate ■ Slow ■ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-OU2-2

Project Name: Elk Street Commerce Park
Location: OU-2 East
Project No.: 2251277
Sampled By: Carly Repka
Date: 3/3/2025-3/4/2025
Weather:

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: 7.00
Static Water Level: 3.98
One Well Volume: .48

PURGE AND SAMPLING METHOD

■ Bailer – Type: Dedicated, one-inch
Sampling Device: N/A
☐ Pump – Type: N/A
Pump Rate: N/A

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Redox (mV)	DO (mg/L)	Turbidity (NTU)	Comments
9:45		10.67	5.20	0.384	28.20	10.93	59.08	
9:47	.5	10.26	5.50	0.381	27.70	9.84	382.15	
9:45		9.71	7.00	0.473	46.90	2.29	74.58	

Total .5 Gallons Purged

Purge Time Start: 9:45
Purge Time End: 9:27

WELL SAMPLING

Sample I.D.: MW-OU2-2
No. of Containers: Two
Sample Time: 9:45
Sample Preservation: None/Nitric Acid

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
■ Other: Total Lead

OBSERVATIONS

Notes:
Well dry after one volume

Recharge Behavior: ☐ Fast ☐ Moderate ■ Slow ■ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-OU2-3

Project Name: Elk Street Commerce Park
Location: OU-2 East
Project No.: 2251277
Sampled By: Carly Repka
Date: 3/3/2025-3/4/2025
Weather:

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: 11.04
Static Water Level: 6.32
One Well Volume: .76

PURGE AND SAMPLING METHOD

■ Bailer – Type: Dedicated, one-inch
Sampling Device: N/A
☐ Pump – Type: N/A
Pump Rate: N/A

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Redox (mV)	DO (mg/L)	Turbidity (NTU)	Comments
9:58		8.31	5.70	0.700	96.70	8.09	19.00	
10:00	.76	8.05	6.00	0.912	-46.10	8.08	28.71	
10:00		9.44	5.60	0.812	82.60	10.50	15.88	

Total .76 Gallons Purged

Purge Time Start: 9:58
Purge Time End: 10:00

WELL SAMPLING

Sample I.D.:
No. of Containers: Two
Sample Time: 10:00
Sample Preservation: None/Nitric Acid

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
■ Other: Total Lead

OBSERVATIONS

Notes:
Dry after one well volume

Recharge Behavior: ☐ Fast ☐ Moderate ■ Slow ■ Purged Dry

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GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-OU2-4

Project Name: Elk Street Commerce Park
Location: OU-2 East
Project No.: 2251277
Sampled By: Carly Repka
Date: 3/3/2025-3/4/2025
Weather:

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: 9.06
Static Water Level: 6.13
One Well Volume: .97

PURGE AND SAMPLING METHOD

■ Bailer – Type: Dedicated, one-inch
Sampling Device: N/A
☐ Pump – Type: N/A
Pump Rate: N/A

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Redox (mV)	DO (mg/L)	Turbidity (NTU)	Comments
10:21		9.05	6.20	0.975	75.00	6.28	4.18	
10:23	.76	9.09	8.70	0.972	-27.80	5.65	8.05	
10:20		9.81	6.90	0.848	-14.4	7.73	6.94	

Total .76 Gallons Purged

Purge Time Start: 10:21
Purge Time End: 10:23

WELL SAMPLING

Sample I.D.: MW-OU2-4
No. of Containers: Two
Sample Time: 10:20
Sample Preservation: None/Nitric Acid

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
■ Other: Total Lead

OBSERVATIONS

Notes:
Dry after one well volume

Recharge Behavior: ☐ Fast ☐ Moderate ■ Slow ■ Purged Dry

APPENDIX 5

OU-2 East Lead Laboratory Analytical Reports

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ANALYTICAL REPORT

PREPARED FOR

Attn: Andy Janik
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Generated 6/19/2024 10:10:58 AM

JOB DESCRIPTION

(ESCP) Elk St Job# 2231211

JOB NUMBER

480-220804-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

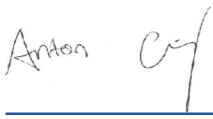
my EOL

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



Generated
6/19/2024 10:10:58 AM

Authorized for release by
Anton Gruning, Project Management Assistant I
Anton.Gruning@et.eurofinsus.com
Designee for
Brian Fischer, Manager of Project Management
Brian.Fischer@et.eurofinsus.com
(716)504-9835

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Definitions/Glossary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-220804-1

Qualifiers

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

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
480-220804-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample 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 6/13/2024 2:20 PM. Unless otherwise noted below, the samples arrived in good condition. The temperature of the cooler at receipt time was 22.7°C.

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

Detection Summary

Client: LaBella Associates DPC
Job ID: 480-220804-1
Project/Site: (ESCP) Elk St Job# 2231211

Client Sample ID: OU2-1 — Lab Sample ID: 480-220804-1

No Detections.

Client Sample ID: OU2-2 — Lab Sample ID: 480-220804-2

No Detections.

Client Sample ID: OU2-3 — Lab Sample ID: 480-220804-3

No Detections.

Client Sample ID: OU2-4 — Lab Sample ID: 480-220804-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-220804-1

Client Sample ID: OU2-1

Date Collected: 06/13/24 10:05
Date Received: 06/13/24 14:20

Lab Sample ID: 480-220804-1

Matrix: Water

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		06/17/24 09:14	06/17/24 16:04	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		06/17/24 09:11	06/18/24 14:07	1

Client Sample Results

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-220804-1

Client Sample ID: OU2-2

Date Collected: 06/13/24 10:15
Date Received: 06/13/24 14:20

Lab Sample ID: 480-220804-2

Matrix: Water

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		06/17/24 09:14	06/17/24 16:06	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		06/17/24 09:11	06/18/24 14:09	1

Client Sample Results

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-220804-1

Client Sample ID: OU2-3

Date Collected: 06/13/24 10:30
Date Received: 06/13/24 14:20

Lab Sample ID: 480-220804-3

Matrix: Water

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		06/17/24 09:14	06/17/24 16:08	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND	F1	0.010	0.0039	mg/L		06/17/24 09:11	06/18/24 14:17	1

Client Sample Results

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-220804-1

Client Sample ID: OU2-4

Date Collected: 06/13/24 11:00
Date Received: 06/13/24 14:20

Lab Sample ID: 480-220804-4

Matrix: Water

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		06/17/24 09:14	06/17/24 16:10	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		06/17/24 09:11	06/18/24 14:26	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-715695/1-A
Matrix: Water
Analysis Batch: 715889

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 715695

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		06/17/24 09:14	06/17/24 15:34	1

Lab Sample ID: LCS 480-715695/2-A
Matrix: Water
Analysis Batch: 715889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 715695

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.500	0.498		mg/L		100	85 - 115

Lab Sample ID: MB 480-715666/1-B
Matrix: Water
Analysis Batch: 715986

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 715689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		06/17/24 09:11	06/18/24 14:01	1

Lab Sample ID: LCS 480-715666/2-B
Matrix: Water
Analysis Batch: 715986

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 715689

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.500	0.504		mg/L		101	85 - 115

Lab Sample ID: LCSD 480-715666/3-B
Matrix: Water
Analysis Batch: 715986

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 715689

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	0.500	0.518		mg/L		104	85 - 115	3	20

Lab Sample ID: 480-220804-3 MS
Matrix: Water
Analysis Batch: 715986

Client Sample ID: OU2-3
Prep Type: Dissolved
Prep Batch: 715689

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	ND	F1	0.500	0.514		mg/L		103	70 - 130

Lab Sample ID: 480-220804-3 MSD
Matrix: Water
Analysis Batch: 715986

Client Sample ID: OU2-3
Prep Type: Dissolved
Prep Batch: 715689

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	ND	F1	0.500	0.508		mg/L		102	70 - 130	1	20

Metals

Filtration Batch: 715666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220804-1	OU2-1	Dissolved	Water	FILTRATION	
480-220804-2	OU2-2	Dissolved	Water	FILTRATION	
480-220804-3	OU2-3	Dissolved	Water	FILTRATION	
480-220804-4	OU2-4	Dissolved	Water	FILTRATION	
MB 480-715666/1-B	Method Blank	Dissolved	Water	FILTRATION	
LCS 480-715666/2-B	Lab Control Sample	Dissolved	Water	FILTRATION	
LCSD 480-715666/3-B	Lab Control Sample Dup	Dissolved	Water	FILTRATION	
480-220804-3 MS	OU2-3	Dissolved	Water	FILTRATION	
480-220804-3 MSD	OU2-3	Dissolved	Water	FILTRATION	

Prep Batch: 715689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220804-1	OU2-1	Dissolved	Water	200.7	715666
480-220804-2	OU2-2	Dissolved	Water	200.7	715666
480-220804-3	OU2-3	Dissolved	Water	200.7	715666
480-220804-4	OU2-4	Dissolved	Water	200.7	715666
MB 480-715666/1-B	Method Blank	Dissolved	Water	200.7	715666
LCS 480-715666/2-B	Lab Control Sample	Dissolved	Water	200.7	715666
LCSD 480-715666/3-B	Lab Control Sample Dup	Dissolved	Water	200.7	715666
480-220804-3 MS	OU2-3	Dissolved	Water	200.7	715666
480-220804-3 MSD	OU2-3	Dissolved	Water	200.7	715666

Prep Batch: 715695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220804-1	OU2-1	Total/NA	Water	200.7	
480-220804-2	OU2-2	Total/NA	Water	200.7	
480-220804-3	OU2-3	Total/NA	Water	200.7	
480-220804-4	OU2-4	Total/NA	Water	200.7	
MB 480-715695/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-715695/2-A	Lab Control Sample	Total/NA	Water	200.7	

Analysis Batch: 715889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220804-1	OU2-1	Total/NA	Water	200.7 Rev 4.4	715695
480-220804-2	OU2-2	Total/NA	Water	200.7 Rev 4.4	715695
480-220804-3	OU2-3	Total/NA	Water	200.7 Rev 4.4	715695
480-220804-4	OU2-4	Total/NA	Water	200.7 Rev 4.4	715695
MB 480-715695/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	715695
LCS 480-715695/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	715695

Analysis Batch: 715986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-220804-1	OU2-1	Dissolved	Water	200.7 Rev 4.4	715689
480-220804-2	OU2-2	Dissolved	Water	200.7 Rev 4.4	715689
480-220804-3	OU2-3	Dissolved	Water	200.7 Rev 4.4	715689
480-220804-4	OU2-4	Dissolved	Water	200.7 Rev 4.4	715689
MB 480-715666/1-B	Method Blank	Dissolved	Water	200.7 Rev 4.4	715689
LCS 480-715666/2-B	Lab Control Sample	Dissolved	Water	200.7 Rev 4.4	715689
LCSD 480-715666/3-B	Lab Control Sample Dup	Dissolved	Water	200.7 Rev 4.4	715689
480-220804-3 MS	OU2-3	Dissolved	Water	200.7 Rev 4.4	715689
480-220804-3 MSD	OU2-3	Dissolved	Water	200.7 Rev 4.4	715689

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-220804-1

Client Sample ID: OU2-1
Date Collected: 06/13/24 10:05
Date Received: 06/13/24 14:20

Lab Sample ID: 480-220804-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	FILTRATION			715666	EMO	EET BUF	06/14/24 15:12
Dissolved	Prep	200.7			715689	EMO	EET BUF	06/17/24 09:11
Dissolved	Analysis	200.7 Rev 4.4		1	715986	NZG	EET BUF	06/18/24 14:07
Total/NA	Prep	200.7			715695	ET	EET BUF	06/17/24 09:14
Total/NA	Analysis	200.7 Rev 4.4		1	715889	NZG	EET BUF	06/17/24 16:04

Client Sample ID: OU2-2
Date Collected: 06/13/24 10:15
Date Received: 06/13/24 14:20

Lab Sample ID: 480-220804-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	FILTRATION			715666	EMO	EET BUF	06/14/24 15:12
Dissolved	Prep	200.7			715689	EMO	EET BUF	06/17/24 09:11
Dissolved	Analysis	200.7 Rev 4.4		1	715986	NZG	EET BUF	06/18/24 14:09
Total/NA	Prep	200.7			715695	ET	EET BUF	06/17/24 09:14
Total/NA	Analysis	200.7 Rev 4.4		1	715889	NZG	EET BUF	06/17/24 16:06

Client Sample ID: OU2-3
Date Collected: 06/13/24 10:30
Date Received: 06/13/24 14:20

Lab Sample ID: 480-220804-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	FILTRATION			715666	EMO	EET BUF	06/14/24 15:12
Dissolved	Prep	200.7			715689	EMO	EET BUF	06/17/24 09:11
Dissolved	Analysis	200.7 Rev 4.4		1	715986	NZG	EET BUF	06/18/24 14:17
Total/NA	Prep	200.7			715695	ET	EET BUF	06/17/24 09:14
Total/NA	Analysis	200.7 Rev 4.4		1	715889	NZG	EET BUF	06/17/24 16:08

Client Sample ID: OU2-4
Date Collected: 06/13/24 11:00
Date Received: 06/13/24 14:20

Lab Sample ID: 480-220804-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	FILTRATION			715666	EMO	EET BUF	06/14/24 15:12
Dissolved	Prep	200.7			715689	EMO	EET BUF	06/17/24 09:11
Dissolved	Analysis	200.7 Rev 4.4		1	715986	NZG	EET BUF	06/18/24 14:26
Total/NA	Prep	200.7			715695	ET	EET BUF	06/17/24 09:14
Total/NA	Analysis	200.7 Rev 4.4		1	715889	NZG	EET BUF	06/17/24 16:10

Laboratory References:
EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: LaBella Associates DPC
Job ID: 480-220804-1
Project/Site: (ESCP) Elk St Job# 2231211

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

Method Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-220804-1

Method	Method Description	Protocol	Laboratory
200.7 Rev 4.4	Metals (ICP)	EPA	EET BUF
200.7	Preparation, Total Metals	EPA	EET BUF
FILTRATION	Sample Filtration	None	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

None = None

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-220804-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-220804-1	OU2-1	Water	06/13/24 10:05	06/13/24 14:20
480-220804-2	OU2-2	Water	06/13/24 10:15	06/13/24 14:20
480-220804-3	OU2-3	Water	06/13/24 10:30	06/13/24 14:20
480-220804-4	OU2-4	Water	06/13/24 11:00	06/13/24 14:20

Chain of Custody Record

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Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Andrew Janik	Site Contact: Andrew Janik	Date: 6/13/24	COC No:
LaBella	Tel:716-345-6709	Lab Contact:	Carrier:	1 of 1 COCs
300 Pearl Street, Suite 130	**Analysis Turnaround Time**			Sampler: Chris Finn
Buffalo NY 14202	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
716-551-6281	TAT if different from Below _____			Walk-in Client:
	☑ 2 weeks			Lab Sampling:
Project Name: ESCP	☐ 1 week			
Site: ESCP	☐ 2 days			Job / SDG No.:
P O # 2231211	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	200.7-(MOD)Dissolved Pb(LF)	200.7-(MOD)total Pb	Sample Specific Notes:
OU2-1	6/13	1005	G	W	2			1	1	
OU2-2	6/13	1015	G	W	2			1	1	
OU2-3	6/13	1030	G	W	2			1	1	
OU2-4	6/13	1100	G	W	2			1	1	

480-220804 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: Email report to ajanik@labellapc.com

22.7 #1 No ICE

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____		
Relinquished by:	Company: LaBella	Date/Time: 6/13 1420	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA	Date/Time: 6/13/24 1420

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-220804-1

Login Number: 220804
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.	False	
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	LABELLA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Andy Janik
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Generated 1/2/2025 4:47:43 PM

JOB DESCRIPTION

(ESCP) Elk St Job# 2231211

JOB NUMBER

480-226551-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

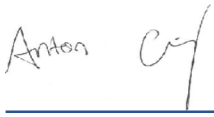
See page two for job notes and contact information.

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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Definitions/Glossary

Client: LaBella Associates DPC
Job ID: 480-226551-1
Project/Site: (ESCP) Elk St Job# 2231211

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
480-226551-1

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 12/31/2024 10:25 AM. Unless otherwise noted below, the samples arrived in good condition. The temperature of the cooler at receipt time was 14.4°C.

Metals
Method 200.7 - Dissolved: The reference method requires samples to be preserved to a pH of <2. The following sample(s) was received with insufficient preservation at a pH of >2: 480-226551-1, 480-226551-2, 480-226551-3 and 480-226551-4. The sample(s) was preserved to the appropriate pH in the laboratory. Preserved 12/31/2024 at 1243. Second pH check 01/02/2025.

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

Detection Summary

Client: LaBella Associates DPC
Job ID: 480-226551-1
Project/Site: (ESCP) Elk St Job# 2231211

Client Sample ID: MW-002-1 — Lab Sample ID: 480-226551-1

No Detections.

Client Sample ID: MW-002-2 — Lab Sample ID: 480-226551-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.017		0.010	0.0039	mg/L	1		200.7 Rev 4.4	Total/NA

Client Sample ID: MW-002-3 — Lab Sample ID: 480-226551-3

No Detections.

Client Sample ID: MW-002-4 — Lab Sample ID: 480-226551-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-226551-1

Client Sample ID: MW-002-1

Date Collected: 12/31/24 07:50
Date Received: 12/31/24 10:25

Lab Sample ID: 480-226551-1

Matrix: Water

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		01/02/25 08:04	01/02/25 13:35	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		01/02/25 08:02	01/02/25 14:36	1

Client Sample Results

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-226551-1

Client Sample ID: MW-002-2

Date Collected: 12/31/24 08:10
Date Received: 12/31/24 10:25

Lab Sample ID: 480-226551-2

Matrix: Water

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**0.017**		0.010	0.0039	mg/L		01/02/25 08:04	01/02/25 13:37	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		01/02/25 08:02	01/02/25 14:38	1

Client Sample Results

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-226551-1

Client Sample ID: MW-002-3

Date Collected: 12/31/24 08:25
Date Received: 12/31/24 10:25

Lab Sample ID: 480-226551-3

Matrix: Water

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		01/02/25 08:04	01/02/25 13:39	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		01/02/25 08:02	01/02/25 14:40	1

Client Sample Results

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-226551-1

Client Sample ID: MW-002-4

Date Collected: 12/31/24 08:55
Date Received: 12/31/24 10:25

Lab Sample ID: 480-226551-4

Matrix: Water

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		01/02/25 08:04	01/02/25 13:41	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		01/02/25 08:02	01/02/25 14:55	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-736379/1-A
Matrix: Water
Analysis Batch: 736446

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 736379

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		01/02/25 08:04	01/02/25 13:28	1

Lab Sample ID: LCS 480-736379/2-A
Matrix: Water
Analysis Batch: 736446

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 736379

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.500	0.502		mg/L		100	85 - 115

Lab Sample ID: MB 480-736360/1-B
Matrix: Water
Analysis Batch: 736454

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 736371

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		01/02/25 08:02	01/02/25 14:30	1

Lab Sample ID: LCS 480-736360/2-B
Matrix: Water
Analysis Batch: 736454

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 736371

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.500	0.473		mg/L		95	85 - 115

Lab Sample ID: LCSD 480-736360/3-B
Matrix: Water
Analysis Batch: 736454

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 736371

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	0.500	0.475		mg/L		95	85 - 115	0	20

Lab Sample ID: 480-226551-3 MS
Matrix: Water
Analysis Batch: 736454

Client Sample ID: MW-002-3
Prep Type: Dissolved
Prep Batch: 736371

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	ND		0.500	0.485		mg/L		97	70 - 130

Lab Sample ID: 480-226551-3 MSD
Matrix: Water
Analysis Batch: 736454

Client Sample ID: MW-002-3
Prep Type: Dissolved
Prep Batch: 736371

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	ND		0.500	0.489		mg/L		98	70 - 130	1	20

QC Association Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-226551-1

Metals

Filtration Batch: 736360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226551-1	MW-002-1	Dissolved	Water	FILTRATION	
480-226551-2	MW-002-2	Dissolved	Water	FILTRATION	
480-226551-3	MW-002-3	Dissolved	Water	FILTRATION	
480-226551-4	MW-002-4	Dissolved	Water	FILTRATION	
MB 480-736360/1-B	Method Blank	Dissolved	Water	FILTRATION	
LCS 480-736360/2-B	Lab Control Sample	Dissolved	Water	FILTRATION	
LCSD 480-736360/3-B	Lab Control Sample Dup	Dissolved	Water	FILTRATION	
480-226551-3 MS	MW-002-3	Dissolved	Water	FILTRATION	
480-226551-3 MSD	MW-002-3	Dissolved	Water	FILTRATION	

Prep Batch: 736371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226551-1	MW-002-1	Dissolved	Water	200.7	736360
480-226551-2	MW-002-2	Dissolved	Water	200.7	736360
480-226551-3	MW-002-3	Dissolved	Water	200.7	736360
480-226551-4	MW-002-4	Dissolved	Water	200.7	736360
MB 480-736360/1-B	Method Blank	Dissolved	Water	200.7	736360
LCS 480-736360/2-B	Lab Control Sample	Dissolved	Water	200.7	736360
LCSD 480-736360/3-B	Lab Control Sample Dup	Dissolved	Water	200.7	736360
480-226551-3 MS	MW-002-3	Dissolved	Water	200.7	736360
480-226551-3 MSD	MW-002-3	Dissolved	Water	200.7	736360

Prep Batch: 736379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226551-1	MW-002-1	Total/NA	Water	200.7	
480-226551-2	MW-002-2	Total/NA	Water	200.7	
480-226551-3	MW-002-3	Total/NA	Water	200.7	
480-226551-4	MW-002-4	Total/NA	Water	200.7	
MB 480-736379/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-736379/2-A	Lab Control Sample	Total/NA	Water	200.7	

Analysis Batch: 736446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226551-1	MW-002-1	Total/NA	Water	200.7 Rev 4.4	736379
480-226551-2	MW-002-2	Total/NA	Water	200.7 Rev 4.4	736379
480-226551-3	MW-002-3	Total/NA	Water	200.7 Rev 4.4	736379
480-226551-4	MW-002-4	Total/NA	Water	200.7 Rev 4.4	736379
MB 480-736379/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	736379
LCS 480-736379/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	736379

Analysis Batch: 736454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226551-1	MW-002-1	Dissolved	Water	200.7 Rev 4.4	736371
480-226551-2	MW-002-2	Dissolved	Water	200.7 Rev 4.4	736371
480-226551-3	MW-002-3	Dissolved	Water	200.7 Rev 4.4	736371
480-226551-4	MW-002-4	Dissolved	Water	200.7 Rev 4.4	736371
MB 480-736360/1-B	Method Blank	Dissolved	Water	200.7 Rev 4.4	736371
LCS 480-736360/2-B	Lab Control Sample	Dissolved	Water	200.7 Rev 4.4	736371
LCSD 480-736360/3-B	Lab Control Sample Dup	Dissolved	Water	200.7 Rev 4.4	736371
480-226551-3 MS	MW-002-3	Dissolved	Water	200.7 Rev 4.4	736371
480-226551-3 MSD	MW-002-3	Dissolved	Water	200.7 Rev 4.4	736371

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-226551-1

Client Sample ID: MW-002-1
Date Collected: 12/31/24 07:50
Date Received: 12/31/24 10:25

Lab Sample ID: 480-226551-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	FILTRATION			736360	EMO	EET BUF	12/31/24 11:31
Dissolved	Prep	200.7			736371	ET	EET BUF	01/02/25 08:02
Dissolved	Analysis	200.7 Rev 4.4		1	736454	BMB	EET BUF	01/02/25 14:36
Total/NA	Prep	200.7			736379	ET	EET BUF	01/02/25 08:04
Total/NA	Analysis	200.7 Rev 4.4		1	736446	BMB	EET BUF	01/02/25 13:35

Client Sample ID: MW-002-2
Date Collected: 12/31/24 08:10
Date Received: 12/31/24 10:25

Lab Sample ID: 480-226551-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	FILTRATION			736360	EMO	EET BUF	12/31/24 11:31
Dissolved	Prep	200.7			736371	ET	EET BUF	01/02/25 08:02
Dissolved	Analysis	200.7 Rev 4.4		1	736454	BMB	EET BUF	01/02/25 14:38
Total/NA	Prep	200.7			736379	ET	EET BUF	01/02/25 08:04
Total/NA	Analysis	200.7 Rev 4.4		1	736446	BMB	EET BUF	01/02/25 13:37

Client Sample ID: MW-002-3
Date Collected: 12/31/24 08:25
Date Received: 12/31/24 10:25

Lab Sample ID: 480-226551-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	FILTRATION			736360	EMO	EET BUF	12/31/24 11:31
Dissolved	Prep	200.7			736371	ET	EET BUF	01/02/25 08:02
Dissolved	Analysis	200.7 Rev 4.4		1	736454	BMB	EET BUF	01/02/25 14:40
Total/NA	Prep	200.7			736379	ET	EET BUF	01/02/25 08:04
Total/NA	Analysis	200.7 Rev 4.4		1	736446	BMB	EET BUF	01/02/25 13:39

Client Sample ID: MW-002-4
Date Collected: 12/31/24 08:55
Date Received: 12/31/24 10:25

Lab Sample ID: 480-226551-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	FILTRATION			736360	EMO	EET BUF	12/31/24 11:31
Dissolved	Prep	200.7			736371	ET	EET BUF	01/02/25 08:02
Dissolved	Analysis	200.7 Rev 4.4		1	736454	BMB	EET BUF	01/02/25 14:55
Total/NA	Prep	200.7			736379	ET	EET BUF	01/02/25 08:04
Total/NA	Analysis	200.7 Rev 4.4		1	736446	BMB	EET BUF	01/02/25 13:41

Laboratory References:
EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: LaBella Associates DPC
Job ID: 480-226551-1
Project/Site: (ESCP) Elk St Job# 2231211

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

Method Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-226551-1

Method	Method Description	Protocol	Laboratory
200.7 Rev 4.4	Metals (ICP)	EPA	EET BUF
200.7	Preparation, Total Metals	EPA	EET BUF
FILTRATION	Sample Filtration	None	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

None = None

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-226551-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-226551-1	MW-002-1	Water	12/31/24 07:50	12/31/24 10:25
480-226551-2	MW-002-2	Water	12/31/24 08:10	12/31/24 10:25
480-226551-3	MW-002-3	Water	12/31/24 08:25	12/31/24 10:25
480-226551-4	MW-002-4	Water	12/31/24 08:55	12/31/24 10:25

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Syracuse #225

eurofins Environment Testing

Client Information	Sampler: Carly Repka	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-198578-31936.1
Client Contact: Mr. Robert Napieralski	Phone:	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: LaBella Associates DPC	PWSID:			Job #:
Address: 300 Pearl Street Suite 130	Due Date Requested:	Analysis Requested		
City: Buffalo	TAT Requested (days):			Preservation Codes: N - None D - HNO3
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 2231211			
Email: rnapieralski@labellapc.com	WO #:			
Project Name: GW monitoring (Pb) - Job# 2200012	Project #: 48021585			Other:
Site:	SSOW#:			

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)	200.7 - (MOD) Dissolved Pb (LF)	200.7 - (MOD) total Pb	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	D		
MW-002-1	12/31/24	7:50		Water			X	X		
MW-002-2	12/31/24	8:10		Water			X	X		
MW-002-3	12/31/24	8:25		Water			X	X		
MW-002-4	12/31/24	8:55		Water			X	X		

480-226551 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Carly Repka	Date/Time: 12/31/24 10:00	Company	Received by: [signature] Date/Time: 12/31/24 1025 Company TAS
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: 14.4 IR #SC NO ICE

Ver: 04/02/2024

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-226551-1

Login Number: 226551
List Number: 1
Creator: Wallace, Cameron

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	LABELLA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Andy Janik
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Generated 3/11/2025 1:26:05 PM

JOB DESCRIPTION

(ESCP) Elk St

JOB NUMBER

480-227681-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

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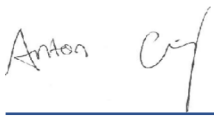
Authorization



Generated
3/11/2025 1:26:05 PM

Authorized for release by
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(716)504-9835

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Definitions/Glossary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St

Job ID: 480-227681-1

Qualifiers

Metals

Qualifier	Qualifier Description
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
480-227681-1

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 3/5/2025 1:30 PM. 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 5.1°C.

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

Detection Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St

Job ID: 480-227681-1

Client Sample ID: OU2-1 — Lab Sample ID: 480-227681-1

No Detections.

Client Sample ID: OU2-2 — Lab Sample ID: 480-227681-2

No Detections.

Client Sample ID: OU2-3 — Lab Sample ID: 480-227681-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0040	J	0.010	0.0039	mg/L	1		200.7 Rev 4.4	Total/NA

Client Sample ID: OU2-4 — Lab Sample ID: 480-227681-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St

Job ID: 480-227681-1

Client Sample ID: OU2-1

Date Collected: 03/04/25 09:35
Date Received: 03/05/25 13:30

Lab Sample ID: 480-227681-1

Matrix: Water

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		03/07/25 08:23	03/07/25 17:10	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		03/10/25 07:48	03/10/25 16:02	1

Client Sample Results

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St

Job ID: 480-227681-1

Client Sample ID: OU2-2

Date Collected: 03/04/25 09:45
Date Received: 03/05/25 13:30

Lab Sample ID: 480-227681-2

Matrix: Water

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		03/07/25 08:23	03/07/25 17:12	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		03/10/25 07:48	03/10/25 16:05	1

Client Sample Results

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St

Job ID: 480-227681-1

Client Sample ID: OU2-3

Date Collected: 03/04/25 10:00
Date Received: 03/05/25 13:30

Lab Sample ID: 480-227681-3

Matrix: Water

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0040	J	0.010	0.0039	mg/L		03/07/25 08:23	03/07/25 17:14	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		03/10/25 07:48	03/10/25 16:23	1

Client Sample Results

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St

Job ID: 480-227681-1

Client Sample ID: OU2-4

Date Collected: 03/04/25 10:20
Date Received: 03/05/25 13:30

Lab Sample ID: 480-227681-4

Matrix: Water

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		03/07/25 08:23	03/07/25 17:16	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		03/10/25 07:48	03/10/25 16:25	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-740259/1-A
Matrix: Water
Analysis Batch: 740402

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 740259

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		03/07/25 08:23	03/07/25 17:06	1

Lab Sample ID: LCS 480-740259/2-A
Matrix: Water
Analysis Batch: 740402

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 740259

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.500	0.529		mg/L		106	85 - 115

Lab Sample ID: MB 480-740209/1-B
Matrix: Water
Analysis Batch: 740490

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 740210

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		03/10/25 07:48	03/10/25 15:56	1

Lab Sample ID: LCS 480-740209/2-B
Matrix: Water
Analysis Batch: 740490

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 740210

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.500	0.508		mg/L		102	85 - 115

Lab Sample ID: LCSD 480-740209/3-B
Matrix: Water
Analysis Batch: 740490

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 740210

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	0.500	0.508		mg/L		102	85 - 115	0	20

Lab Sample ID: 480-227681-2 MS
Matrix: Water
Analysis Batch: 740490

Client Sample ID: OU2-2
Prep Type: Dissolved
Prep Batch: 740210

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	ND		0.500	0.522		mg/L		104	70 - 130

Lab Sample ID: 480-227681-2 MSD
Matrix: Water
Analysis Batch: 740490

Client Sample ID: OU2-2
Prep Type: Dissolved
Prep Batch: 740210

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	ND		0.500	0.509		mg/L		102	70 - 130	2	20

QC Association Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St

Job ID: 480-227681-1

Metals

Filtration Batch: 740209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227681-1	OU2-1	Dissolved	Water	FILTRATION	
480-227681-2	OU2-2	Dissolved	Water	FILTRATION	
480-227681-3	OU2-3	Dissolved	Water	FILTRATION	
480-227681-4	OU2-4	Dissolved	Water	FILTRATION	
MB 480-740209/1-B	Method Blank	Dissolved	Water	FILTRATION	
LCS 480-740209/2-B	Lab Control Sample	Dissolved	Water	FILTRATION	
LCSD 480-740209/3-B	Lab Control Sample Dup	Dissolved	Water	FILTRATION	
480-227681-2 MS	OU2-2	Dissolved	Water	FILTRATION	
480-227681-2 MSD	OU2-2	Dissolved	Water	FILTRATION	

Prep Batch: 740210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227681-1	OU2-1	Dissolved	Water	200.7	740209
480-227681-2	OU2-2	Dissolved	Water	200.7	740209
480-227681-3	OU2-3	Dissolved	Water	200.7	740209
480-227681-4	OU2-4	Dissolved	Water	200.7	740209
MB 480-740209/1-B	Method Blank	Dissolved	Water	200.7	740209
LCS 480-740209/2-B	Lab Control Sample	Dissolved	Water	200.7	740209
LCSD 480-740209/3-B	Lab Control Sample Dup	Dissolved	Water	200.7	740209
480-227681-2 MS	OU2-2	Dissolved	Water	200.7	740209
480-227681-2 MSD	OU2-2	Dissolved	Water	200.7	740209

Prep Batch: 740259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227681-1	OU2-1	Total/NA	Water	200.7	
480-227681-2	OU2-2	Total/NA	Water	200.7	
480-227681-3	OU2-3	Total/NA	Water	200.7	
480-227681-4	OU2-4	Total/NA	Water	200.7	
MB 480-740259/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-740259/2-A	Lab Control Sample	Total/NA	Water	200.7	

Analysis Batch: 740402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227681-1	OU2-1	Total/NA	Water	200.7 Rev 4.4	740259
480-227681-2	OU2-2	Total/NA	Water	200.7 Rev 4.4	740259
480-227681-3	OU2-3	Total/NA	Water	200.7 Rev 4.4	740259
480-227681-4	OU2-4	Total/NA	Water	200.7 Rev 4.4	740259
MB 480-740259/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	740259
LCS 480-740259/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	740259

Analysis Batch: 740490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227681-1	OU2-1	Dissolved	Water	200.7 Rev 4.4	740210
480-227681-2	OU2-2	Dissolved	Water	200.7 Rev 4.4	740210
480-227681-3	OU2-3	Dissolved	Water	200.7 Rev 4.4	740210
480-227681-4	OU2-4	Dissolved	Water	200.7 Rev 4.4	740210
MB 480-740209/1-B	Method Blank	Dissolved	Water	200.7 Rev 4.4	740210
LCS 480-740209/2-B	Lab Control Sample	Dissolved	Water	200.7 Rev 4.4	740210
LCSD 480-740209/3-B	Lab Control Sample Dup	Dissolved	Water	200.7 Rev 4.4	740210
480-227681-2 MS	OU2-2	Dissolved	Water	200.7 Rev 4.4	740210
480-227681-2 MSD	OU2-2	Dissolved	Water	200.7 Rev 4.4	740210

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St

Job ID: 480-227681-1

Client Sample ID: OU2-1
Date Collected: 03/04/25 09:35
Date Received: 03/05/25 13:30

Lab Sample ID: 480-227681-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	FILTRATION			740209	ET	EET BUF	03/06/25 10:48
Dissolved	Prep	200.7			740210	ET	EET BUF	03/10/25 07:48
Dissolved	Analysis	200.7 Rev 4.4		1	740490	BMB	EET BUF	03/10/25 16:02
Total/NA	Prep	200.7			740259	ET	EET BUF	03/07/25 08:23
Total/NA	Analysis	200.7 Rev 4.4		1	740402	BMB	EET BUF	03/07/25 17:10

Client Sample ID: OU2-2
Date Collected: 03/04/25 09:45
Date Received: 03/05/25 13:30

Lab Sample ID: 480-227681-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	FILTRATION			740209	ET	EET BUF	03/06/25 10:48
Dissolved	Prep	200.7			740210	ET	EET BUF	03/10/25 07:48
Dissolved	Analysis	200.7 Rev 4.4		1	740490	BMB	EET BUF	03/10/25 16:05
Total/NA	Prep	200.7			740259	ET	EET BUF	03/07/25 08:23
Total/NA	Analysis	200.7 Rev 4.4		1	740402	BMB	EET BUF	03/07/25 17:12

Client Sample ID: OU2-3
Date Collected: 03/04/25 10:00
Date Received: 03/05/25 13:30

Lab Sample ID: 480-227681-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	FILTRATION			740209	ET	EET BUF	03/06/25 10:48
Dissolved	Prep	200.7			740210	ET	EET BUF	03/10/25 07:48
Dissolved	Analysis	200.7 Rev 4.4		1	740490	BMB	EET BUF	03/10/25 16:23
Total/NA	Prep	200.7			740259	ET	EET BUF	03/07/25 08:23
Total/NA	Analysis	200.7 Rev 4.4		1	740402	BMB	EET BUF	03/07/25 17:14

Client Sample ID: OU2-4
Date Collected: 03/04/25 10:20
Date Received: 03/05/25 13:30

Lab Sample ID: 480-227681-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	FILTRATION			740209	ET	EET BUF	03/06/25 10:48
Dissolved	Prep	200.7			740210	ET	EET BUF	03/10/25 07:48
Dissolved	Analysis	200.7 Rev 4.4		1	740490	BMB	EET BUF	03/10/25 16:25
Total/NA	Prep	200.7			740259	ET	EET BUF	03/07/25 08:23
Total/NA	Analysis	200.7 Rev 4.4		1	740402	BMB	EET BUF	03/07/25 17:16

Laboratory References:
EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St

Job ID: 480-227681-1

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

Method Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St

Job ID: 480-227681-1

Method	Method Description	Protocol	Laboratory
200.7 Rev 4.4	Metals (ICP)	EPA	EET BUF
200.7	Preparation, Total Metals	EPA	EET BUF
FILTRATION	Sample Filtration	None	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

None = None

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St

Job ID: 480-227681-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-227681-1	OU2-1	Water	03/04/25 09:35	03/05/25 13:30
480-227681-2	OU2-2	Water	03/04/25 09:45	03/05/25 13:30
480-227681-3	OU2-3	Water	03/04/25 10:00	03/05/25 13:30
480-227681-4	OU2-4	Water	03/04/25 10:20	03/05/25 13:30

Chain of Custody Record

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Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Andrew Janik	Site Contact: Andrew Janik	Date:	COC No:
LaBella	Tel:716-345-6709	Lab Contact:	Carrier:	1 of 1 COCs
300 Pearl Street, Suite 130	Analysis Turnaround Time			Sampler: ~~Chris Finn~~ Carly Rupka
Buffalo NY 14202	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
716-551-6281	TAT if different from Below ____			Walk-in Client:
	☑ 2 weeks			Lab Sampling:
Project Name: ESCP	☐ 1 week			
Site: ESCP	☐ 2 days			Job / SDG No.:
P O # ~~2231241~~ 2251277	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	200.7-(MOD)Dissolved Pb(LF)	200.7-(MOD)total Pb
OU2-1	3/4/25	9:35	G	W	2			1	1
OU2-2	3/4/25	9:45	G	W	2			1	1
OU2-3	3/4/25	10:00	G	W	2			1	1
OU2-4	3/4/25	10:20	G	W	2			1	1

Sample Specific Notes:

480-227681 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments: **Email report to ajanik@labellapc.com**

5.1 ICE IR #3C

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ Therm ID No.: ____		
Relinquished by: Carly Rupka	Company: LaBella	Date/Time: 3/5/25 1350	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TAL	Date/Time: 3/5/25 1330

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-227681-1

Login Number: 227681
List Number: 1
Creator: Stopa, Erik S

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.	True	
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	LABELLA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Andy Janik
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

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JOB DESCRIPTION

(ESCP) Elk St Job# 2231211

JOB NUMBER

480-223347-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

APPENDIX 6

OU-2 East PFAS Laboratory Analytical Reports

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ANALYTICAL REPORT

PREPARED FOR

Attn: Andy Janik
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Generated 7/22/2025 3:25:02 PM Revision 1

JOB DESCRIPTION

(ESCP) Elk St Job# 2231211

JOB NUMBER

480-223347-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

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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7/22/2025 3:25:02 PM
Revision 1

Authorized for release by
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
Designee for
Brian Fischer, Manager of Project Management
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(716)504-9835

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Definitions/Glossary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-223347-1

Qualifiers

LCMS

Qualifier	Qualifier Description
*5-	Isotope dilution analyte is outside acceptance limits, low 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.
I	Value is EMPC (estimated maximum possible concentration).
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
480-223347-1

REVISION

The report being provided is a revision of the original report sent on 9/25/2024. The report (revision 1) is being revised due to remove incorrect comment from the case narrative..

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 9/12/2024 2:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 20.7°C and 22.3°C.

PFAS
Method 1633: Due to sample matrix effect on the internal standard (ISTD), a dilution was required for the following sample: OU2-4 (480-223347-4).

Method 1633: The low level continuing calibration verification (CCVL) and continuing calibration verification (CCV) associated with batch 240-627188 recovered outside of control limits for IDA compound(s) (flagged). Section 14.3.3 of the finalized EPA 1633 states that the recovery of target analytes for the CCV(s) must be within 70 - 130%, unless the analyte is not of concern for a given project. Since target analyte(s) associated with this IDA are within spec, data is reported.

Method 1633: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 240-627062 and analytical batch 240-627188 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) precision was within acceptance limits.

Method 1633: The Isotope Dilution Analyte (IDA) recovery associated with the following sample is below the method recommended limit: OU2-4 (480-223347-4). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample(s).

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

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

Detection Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-223347-1

Client Sample ID: OU2-1 — Lab Sample ID: 480-223347-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	29		4.2	1.0	ng/L	1		Draft-3 1633	Total/NA
Perfluorohexanoic acid (PFHxA)	23		2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	25		2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluorooctanoic acid (PFOA)	470		2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluorononanoic acid (PFNA)	52		2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluorodecanoic acid (PFDA)	2.1		2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.6	J	2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluorotridecanoic acid (PFTrDA)	0.86	J I	2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	10		2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	6.8		2.1	0.54	ng/L	1		Draft-3 1633	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	0.52	J I	2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	13		2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.3	J	8.4	2.1	ng/L	1		Draft-3 1633	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.0	J	8.4	2.1	ng/L	1		Draft-3 1633	Total/NA
Perfluorooctanesulfonamide (PFOSA)	0.57	J I	2.1	0.52	ng/L	1		Draft-3 1633	Total/NA

Client Sample ID: OU2-2 — Lab Sample ID: 480-223347-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	11		2.2	0.55	ng/L	1		Draft-3 1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	5.6		2.2	0.55	ng/L	1		Draft-3 1633	Total/NA
Perfluorooctanoic acid (PFOA)	15		2.2	0.55	ng/L	1		Draft-3 1633	Total/NA
Perfluorononanoic acid (PFNA)	8.4	I	2.2	0.55	ng/L	1		Draft-3 1633	Total/NA
Perfluorodecanoic acid (PFDA)	0.94	J	2.2	0.55	ng/L	1		Draft-3 1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.9	J	2.2	0.57	ng/L	1		Draft-3 1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.9		2.2	0.55	ng/L	1		Draft-3 1633	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	6.4	J	8.9	2.2	ng/L	1		Draft-3 1633	Total/NA

Client Sample ID: OU2-3 — Lab Sample ID: 480-223347-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	13		8.4	2.2	ng/L	1		Draft-3 1633	Total/NA
Perfluoropentanoic acid (PFPeA)	53		4.2	1.0	ng/L	1		Draft-3 1633	Total/NA
Perfluorohexanoic acid (PFHxA)	34		2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	31		2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluorooctanoic acid (PFOA)	39		2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluorononanoic acid (PFNA)	31		2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluorodecanoic acid (PFDA)	3.4		2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.1		2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.8		2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	3.9	I	2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	19		2.1	0.54	ng/L	1		Draft-3 1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	21		2.1	0.52	ng/L	1		Draft-3 1633	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	62		8.4	2.1	ng/L	1		Draft-3 1633	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-223347-1

Client Sample ID: OU2-4 — Lab Sample ID: 480-223347-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	120		4.7	1.2	ng/L	1		Draft-3 1633	Total/NA
Perfluorohexanoic acid (PFHxA)	31		2.4	0.59	ng/L	1		Draft-3 1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	35		2.4	0.59	ng/L	1		Draft-3 1633	Total/NA
Perfluorooctanoic acid (PFOA)	64		2.4	0.59	ng/L	1		Draft-3 1633	Total/NA
Perfluorononanoic acid (PFNA)	38		2.4	0.59	ng/L	1		Draft-3 1633	Total/NA
Perfluorodecanoic acid (PFDA)	0.86	J I	2.4	0.59	ng/L	1		Draft-3 1633	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.92	J	2.4	0.59	ng/L	1		Draft-3 1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	4.7		2.4	0.61	ng/L	1		Draft-3 1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	5.7		2.4	0.59	ng/L	1		Draft-3 1633	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	46		9.5	2.4	ng/L	1		Draft-3 1633	Total/NA
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	3.0	J	9.5	2.4	ng/L	1		Draft-3 1633	Total/NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.7	J	4.7	1.2	ng/L	1		Draft-3 1633	Total/NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.9		4.7	1.2	ng/L	1		Draft-3 1633	Total/NA

Client Sample ID: DUP — Lab Sample ID: 480-223347-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	9.8		2.2	0.55	ng/L	1		Draft-3 1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	4.4		2.2	0.55	ng/L	1		Draft-3 1633	Total/NA
Perfluorooctanoic acid (PFOA)	16		2.2	0.55	ng/L	1		Draft-3 1633	Total/NA
Perfluorononanoic acid (PFNA)	9.3	I	2.2	0.55	ng/L	1		Draft-3 1633	Total/NA
Perfluorodecanoic acid (PFDA)	0.55	J I	2.2	0.55	ng/L	1		Draft-3 1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.1	J	2.2	0.55	ng/L	1		Draft-3 1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.3	J	2.2	0.57	ng/L	1		Draft-3 1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.5		2.2	0.55	ng/L	1		Draft-3 1633	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	6.5	J	8.8	2.2	ng/L	1		Draft-3 1633	Total/NA

Client Sample ID: Equipment Blank — Lab Sample ID: 480-223347-6

No Detections.

Client Sample ID: DI Blank — Lab Sample ID: 480-223347-7

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: OU2-1

Date Collected: 09/12/24 08:55
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-1

Matrix: Water

Method: EPA Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		8.4	2.2	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluoropentanoic acid (PFPeA)	**29**		4.2	1.0	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluorohexanoic acid (PFHxA)	**23**		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluoroheptanoic acid (PFHpA)	**25**		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluorooctanoic acid (PFOA)	**470**		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluorononanoic acid (PFNA)	**52**		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluorodecanoic acid (PFDA)	**2.1**		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluoroundecanoic acid (PFUnA)	**1.6**	**J**	2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluorododecanoic acid (PFDoA)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluorotridecanoic acid (PFTrDA)	**0.86**	**J I**	2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluorotetradecanoic acid (PFTeDA)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluorobutanesulfonic acid (PFBS)	**10**		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluorohexanesulfonic acid (PFHxS)	**6.8**		2.1	0.54	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluoroheptanesulfonic acid (PFHpS)	**0.52**	**J I**	2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluorooctanesulfonic acid (PFOS)	**13**		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluorononanesulfonic acid (PFNS)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		8.4	2.1	ng/L		09/16/24 08:32	09/17/24 00:41	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**3.3**	**J**	8.4	2.1	ng/L		09/16/24 08:32	09/17/24 00:41	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**6.0**	**J**	8.4	2.1	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluorooctanesulfonamide (PFOSA)	**0.57**	**J I**	2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.1	0.65	ng/L		09/16/24 08:32	09/17/24 00:41	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.1	0.54	ng/L		09/16/24 08:32	09/17/24 00:41	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		21	5.2	ng/L		09/16/24 08:32	09/17/24 00:41	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		21	5.2	ng/L		09/16/24 08:32	09/17/24 00:41	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		8.4	2.1	ng/L		09/16/24 08:32	09/17/24 00:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	F1	8.4	2.1	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		4.2	1.0	ng/L		09/16/24 08:32	09/17/24 00:41	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		4.2	1.3	ng/L		09/16/24 08:32	09/17/24 00:41	1

Client Sample ID: OU2-1

Date Collected: 09/12/24 08:55
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-1

Matrix: Water

Method: EPA Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		8.4	2.1	ng/L		09/16/24 08:32	09/17/24 00:41	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		8.4	2.1	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		4.2	1.0	ng/L		09/16/24 08:32	09/17/24 00:41	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		10	2.6	ng/L		09/16/24 08:32	09/17/24 00:41	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		52	13	ng/L		09/16/24 08:32	09/17/24 00:41	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND	F1	52	16	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 00:41	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		4.2	1.0	ng/L		09/16/24 08:32	09/17/24 00:41	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.9*		*10 - 130*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
13C5 PFPeA	*58.4*		*35 - 150*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
13C5 PFHxA	*69.5*		*55 - 150*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
13C4 PFHpA	*89.1*		*55 - 150*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
13C8 PFOA	*67.2*		*60 - 140*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
13C9 PFNA	*106*		*55 - 140*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
13C6 PFDA	*99.4*		*50 - 140*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
13C7 PFUnA	*88.4*		*30 - 140*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
13C2 PFTeDA	*62.5*		*10 - 130*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
13C3 PFBS	*94.4*		*55 - 150*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
13C3 PFHxS	*95.9*		*55 - 150*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
13C8 PFOS	*94.6*		*45 - 140*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
13C8 PFOSA	*103*		*30 - 130*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
d3-NMeFOSAA	*71.7*		*45 - 200*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
d5-NEtFOSAA	*81.3*		*10 - 200*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
M2-4:2 FTS	*98.6*		*60 - 200*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
M2-6:2 FTS	*105*		*60 - 200*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
M2-8:2 FTS	*114*		*50 - 200*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
13C3 HFPO-DA	*76.9*		*25 - 160*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
d7-N-MeFOSE-M	*80.9*		*10 - 150*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
d9-N-EtFOSE-M	*70.6*		*10 - 150*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
d5-NEtPFOSA	*62.1*		*10 - 130*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
D3-NMeFOSA	*69.1*		*15 - 130*	*09/16/24 08:32*	*09/17/24 00:41*	*1*
13C2-PFDoDA	*70.0*		*10 - 150*	*09/16/24 08:32*	*09/17/24 00:41*	*1*

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		09/16/24 09:23	09/17/24 17:26	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		09/16/24 09:20	09/17/24 19:10	1

Client Sample ID: OU2-2
Date Collected: 09/12/24 09:20
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-2
Matrix: Water

Method: EPA Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		8.9	2.4	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluoropentanoic acid (PFPeA)	ND		4.4	1.1	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluorohexanoic acid (PFHxA)	**11**		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluoroheptanoic acid (PFHpA)	**5.6**		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluorooctanoic acid (PFOA)	**15**		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluorononanoic acid (PFNA)	**8.4**	**I**	2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluorodecanoic acid (PFDA)	**0.94**	**J**	2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluoroundecanoic acid (PFUnA)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluorododecanoic acid (PFDoA)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluorotetradecanoic acid (PFTeDA)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluorohexanesulfonic acid (PFHxS)	**1.9**	**J**	2.2	0.57	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluorooctanesulfonic acid (PFOS)	**2.9**		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluorononanesulfonic acid (PFNS)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		8.9	2.2	ng/L		09/16/24 08:32	09/17/24 01:48	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**6.4**	**J**	8.9	2.2	ng/L		09/16/24 08:32	09/17/24 01:48	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		8.9	2.2	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.2	0.69	ng/L		09/16/24 08:32	09/17/24 01:48	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.2	0.58	ng/L		09/16/24 08:32	09/17/24 01:48	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		22	5.5	ng/L		09/16/24 08:32	09/17/24 01:48	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		22	5.5	ng/L		09/16/24 08:32	09/17/24 01:48	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		8.9	2.2	ng/L		09/16/24 08:32	09/17/24 01:48	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		8.9	2.2	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		4.4	1.1	ng/L		09/16/24 08:32	09/17/24 01:48	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		4.4	1.4	ng/L		09/16/24 08:32	09/17/24 01:48	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		8.9	2.2	ng/L		09/16/24 08:32	09/17/24 01:48	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		8.9	2.2	ng/L		09/16/24 08:32	09/17/24 01:48	1

Client Sample ID: OU2-2
Date Collected: 09/12/24 09:20
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-2
Matrix: Water

Method: EPA Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		4.4	1.1	ng/L		09/16/24 08:32	09/17/24 01:48	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		11	2.8	ng/L		09/16/24 08:32	09/17/24 01:48	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		55	14	ng/L		09/16/24 08:32	09/17/24 01:48	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		55	17	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 01:48	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		4.4	1.1	ng/L		09/16/24 08:32	09/17/24 01:48	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*96.6*		*10 - 130*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
13C5 PFPeA	*53.9*		*35 - 150*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
13C5 PFHxA	*70.9*		*55 - 150*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
13C4 PFHpA	*86.0*		*55 - 150*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
13C8 PFOA	*71.1*		*60 - 140*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
13C9 PFNA	*115*		*55 - 140*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
13C6 PFDA	*113*		*50 - 140*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
13C7 PFUnA	*89.6*		*30 - 140*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
13C2 PFTeDA	*56.6*		*10 - 130*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
13C3 PFBS	*94.1*		*55 - 150*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
13C3 PFHxS	*95.1*		*55 - 150*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
13C8 PFOS	*105*		*45 - 140*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
13C8 PFOSA	*102*		*30 - 130*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
d3-NMeFOSAA	*64.1*		*45 - 200*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
d5-NEtFOSAA	*76.2*		*10 - 200*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
M2-4:2 FTS	*102*		*60 - 200*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
M2-6:2 FTS	*102*		*60 - 200*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
M2-8:2 FTS	*112*		*50 - 200*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
13C3 HFPO-DA	*82.0*		*25 - 160*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
d7-N-MeFOSE-M	*66.1*		*10 - 150*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
d9-N-EtFOSE-M	*56.1*		*10 - 150*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
d5-NEtPFOSA	*56.5*		*10 - 130*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
D3-NMeFOSA	*58.4*		*15 - 130*	*09/16/24 08:32*	*09/17/24 01:48*	*1*
13C2-PFDoDA	*79.9*		*10 - 150*	*09/16/24 08:32*	*09/17/24 01:48*	*1*

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		09/16/24 09:23	09/17/24 17:28	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		09/16/24 09:20	09/17/24 19:12	1

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-223347-1

Client Sample ID: OU2-3
Date Collected: 09/12/24 09:30
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-3
Matrix: Water

Method: EPA Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**13**		8.4	2.2	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluoropentanoic acid (PFPeA)	**53**		4.2	1.0	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluorohexanoic acid (PFHxA)	**34**		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluoroheptanoic acid (PFHpA)	**31**		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluorooctanoic acid (PFOA)	**39**		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluorononanoic acid (PFNA)	**31**		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluorodecanoic acid (PFDA)	**3.4**		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluoroundecanoic acid (PFUnA)	**2.1**		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluorododecanoic acid (PFDoA)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluorotetradecanoic acid (PFTeDA)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluorobutanesulfonic acid (PFBS)	**2.8**		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluoropentanesulfonic acid (PFPeS)	**3.9**	I	2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluorohexanesulfonic acid (PFHxS)	**19**		2.1	0.54	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluorooctanesulfonic acid (PFOS)	**21**		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluorononanesulfonic acid (PFNS)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		8.4	2.1	ng/L		09/16/24 08:32	09/17/24 02:02	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**62**		8.4	2.1	ng/L		09/16/24 08:32	09/17/24 02:02	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		8.4	2.1	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.1	0.65	ng/L		09/16/24 08:32	09/17/24 02:02	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.1	0.54	ng/L		09/16/24 08:32	09/17/24 02:02	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		21	5.2	ng/L		09/16/24 08:32	09/17/24 02:02	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		21	5.2	ng/L		09/16/24 08:32	09/17/24 02:02	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		8.4	2.1	ng/L		09/16/24 08:32	09/17/24 02:02	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		8.4	2.1	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		4.2	1.0	ng/L		09/16/24 08:32	09/17/24 02:02	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		4.2	1.3	ng/L		09/16/24 08:32	09/17/24 02:02	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		8.4	2.1	ng/L		09/16/24 08:32	09/17/24 02:02	1

Client Sample ID: OU2-3
Date Collected: 09/12/24 09:30
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-3
Matrix: Water

Method: EPA Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		8.4	2.1	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		4.2	1.0	ng/L		09/16/24 08:32	09/17/24 02:02	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		10	2.6	ng/L		09/16/24 08:32	09/17/24 02:02	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		52	13	ng/L		09/16/24 08:32	09/17/24 02:02	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		52	16	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.1	0.52	ng/L		09/16/24 08:32	09/17/24 02:02	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		4.2	1.0	ng/L		09/16/24 08:32	09/17/24 02:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*90.5*		*10 - 130*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
13C5 PFPeA	*64.2*		*35 - 150*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
13C5 PFHxA	*68.5*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
13C4 PFHpA	*83.3*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
13C8 PFOA	*69.4*		*60 - 140*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
13C9 PFNA	*95.7*		*55 - 140*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
13C6 PFDA	*118*		*50 - 140*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
13C7 PFUnA	*101*		*30 - 140*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
13C2 PFTeDA	*79.3*		*10 - 130*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
13C3 PFBS	*101*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
13C3 PFHxS	*94.5*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
13C8 PFOS	*99.8*		*45 - 140*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
13C8 PFOSA	*99.2*		*30 - 130*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
d3-NMeFOSAA	*72.3*		*45 - 200*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
d5-NEtFOSAA	*86.3*		*10 - 200*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
M2-4:2 FTS	*92.9*		*60 - 200*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
M2-6:2 FTS	*104*		*60 - 200*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
M2-8:2 FTS	*117*		*50 - 200*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
13C3 HFPO-DA	*78.1*		*25 - 160*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
d7-N-MeFOSE-M	*83.9*		*10 - 150*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
d9-N-EtFOSE-M	*73.8*		*10 - 150*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
d5-NEtPFOSA	*68.3*		*10 - 130*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
D3-NMeFOSA	*70.1*		*15 - 130*	*09/16/24 08:32*	*09/17/24 02:02*	*1*
13C2-PFDoDA	*108*		*10 - 150*	*09/16/24 08:32*	*09/17/24 02:02*	*1*

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		09/16/24 09:23	09/17/24 17:30	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		09/16/24 09:20	09/17/24 19:27	1

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-223347-1

Client Sample ID: OU2-4

Date Collected: 09/12/24 09:55
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-4

Matrix: Water

Method: EPA Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		80	21	ng/L		09/19/24 08:37	09/19/24 16:07	1
Perfluoropentanoic acid (PFPeA)	**120**		4.7	1.2	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluorohexanoic acid (PFHxA)	**31**		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluoroheptanoic acid (PFHpA)	**35**		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluorooctanoic acid (PFOA)	**64**		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluorononanoic acid (PFNA)	**38**		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluorodecanoic acid (PFDA)	**0.86**	**J I**	2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluoroundecanoic acid (PFUnA)	**0.92**	**J**	2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluorododecanoic acid (PFDoA)	ND		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluorotetradecanoic acid (PFTeDA)	ND		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluorohexanesulfonic acid (PFHxS)	**4.7**		2.4	0.61	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluorooctanesulfonic acid (PFOS)	**5.7**		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluorononanesulfonic acid (PFNS)	ND		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		9.5	2.4	ng/L		09/16/24 08:32	09/17/24 02:16	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**46**		9.5	2.4	ng/L		09/16/24 08:32	09/17/24 02:16	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	**3.0**	**J**	9.5	2.4	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.4	0.73	ng/L		09/16/24 08:32	09/17/24 02:16	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.4	0.62	ng/L		09/16/24 08:32	09/17/24 02:16	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		24	5.9	ng/L		09/16/24 08:32	09/17/24 02:16	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		24	5.9	ng/L		09/16/24 08:32	09/17/24 02:16	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		9.5	2.4	ng/L		09/16/24 08:32	09/17/24 02:16	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		9.5	2.4	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	**1.7**	**J**	4.7	1.2	ng/L		09/16/24 08:32	09/17/24 02:16	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		4.7	1.4	ng/L		09/16/24 08:32	09/17/24 02:16	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		9.5	2.4	ng/L		09/16/24 08:32	09/17/24 02:16	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		9.5	2.4	ng/L		09/16/24 08:32	09/17/24 02:16	1

Client Sample ID: OU2-4
Date Collected: 09/12/24 09:55
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-4
Matrix: Water

Method: EPA Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		4.7	1.2	ng/L		09/16/24 08:32	09/17/24 02:16	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		12	3.0	ng/L		09/16/24 08:32	09/17/24 02:16	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		59	15	ng/L		09/16/24 08:32	09/17/24 02:16	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		59	18	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.4	0.59	ng/L		09/16/24 08:32	09/17/24 02:16	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	**4.9**		4.7	1.2	ng/L		09/16/24 08:32	09/17/24 02:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*66.0*		*10 - 130*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
13C5 PFPeA	*52.8*		*35 - 150*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
13C5 PFPeA	*59.3*		*35 - 150*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
13C5 PFHxA	*64.0*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
13C5 PFHxA	*59.8*		*55 - 150*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
13C4 PFHpA	*89.1*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
13C4 PFHpA	*71.4*		*55 - 150*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
13C8 PFOA	*68.3*		*60 - 140*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
13C8 PFOA	*55.7*	*5-	*60 - 140*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
13C9 PFNA	*115*		*55 - 140*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
13C9 PFNA	*87.7*		*55 - 140*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
13C6 PFDA	*113*		*50 - 140*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
13C6 PFDA	*81.1*		*50 - 140*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
13C7 PFUnA	*107*		*30 - 140*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
13C7 PFUnA	*87.6*		*30 - 140*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
13C2 PFTeDA	*78.6*		*10 - 130*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
13C2 PFTeDA	*70.3*		*10 - 130*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
13C3 PFBS	*62.3*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
13C3 PFBS	*88.5*		*55 - 150*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
13C3 PFHxS	*93.2*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
13C3 PFHxS	*91.9*		*55 - 150*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
13C8 PFOS	*100*		*45 - 140*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
13C8 PFOS	*88.2*		*45 - 140*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
13C8 PFOSA	*103*		*30 - 130*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
13C8 PFOSA	*83.9*		*30 - 130*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
d3-NMeFOSAA	*59.6*		*45 - 200*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
d3-NMeFOSAA	*71.2*		*45 - 200*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
d5-NEtFOSAA	*76.0*		*10 - 200*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
d5-NEtFOSAA	*73.2*		*10 - 200*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
M2-4:2 FTS	*77.8*		*60 - 200*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
M2-4:2 FTS	*91.5*		*60 - 200*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
M2-6:2 FTS	*98.0*		*60 - 200*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
M2-6:2 FTS	*79.2*		*60 - 200*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
M2-8:2 FTS	*94.2*		*50 - 200*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
M2-8:2 FTS	*89.0*		*50 - 200*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
13C3 HFPO-DA	*92.2*		*25 - 160*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
13C3 HFPO-DA	*68.5*		*25 - 160*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
d7-N-MeFOSE-M	*68.9*		*10 - 150*	*09/16/24 08:32*	*09/17/24 02:16*	*1*

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-223347-1

Client Sample ID: OU2-4

Date Collected: 09/12/24 09:55
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-4

Matrix: Water

Method: EPA Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d7-N-MeFOSE-M	*78.8*		*10 - 150*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
d9-N-EtFOSE-M	*57.9*		*10 - 150*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
d9-N-EtFOSE-M	*82.6*		*10 - 150*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
d5-NEtPFOSA	*57.1*		*10 - 130*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
d5-NEtPFOSA	*63.3*		*10 - 130*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
D3-NMeFOSA	*61.9*		*15 - 130*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
D3-NMeFOSA	*65.8*		*15 - 130*	*09/19/24 08:37*	*09/19/24 16:07*	*1*
13C2-PFDoDA	*94.1*		*10 - 150*	*09/16/24 08:32*	*09/17/24 02:16*	*1*
13C2-PFDoDA	*78.2*		*10 - 150*	*09/19/24 08:37*	*09/19/24 16:07*	*1*

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		09/16/24 09:23	09/17/24 17:32	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		09/16/24 09:20	09/17/24 19:29	1

Client Sample ID: DUP

Date Collected: 09/12/24 00:00
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-5

Matrix: Water

Method: EPA Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		8.8	2.3	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluoropentanoic acid (PFPeA)	ND		4.4	1.1	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluorohexanoic acid (PFHxA)	**9.8**		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluoroheptanoic acid (PFHpA)	**4.4**		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluorooctanoic acid (PFOA)	**16**		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluorononanoic acid (PFNA)	**9.3**	**I**	2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluorodecanoic acid (PFDA)	**0.55**	**J I**	2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluoroundecanoic acid (PFUnA)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluorododecanoic acid (PFDoA)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluorotetradecanoic acid (PFTeDA)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluorobutanesulfonic acid (PFBS)	**1.1**	**J**	2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluorohexanesulfonic acid (PFHxS)	**1.3**	**J**	2.2	0.57	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluorooctanesulfonic acid (PFOS)	**2.5**		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluorononanesulfonic acid (PFNS)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		8.8	2.2	ng/L		09/16/24 08:32	09/17/24 02:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**6.5**	**J**	8.8	2.2	ng/L		09/16/24 08:32	09/17/24 02:29	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		8.8	2.2	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.2	0.68	ng/L		09/16/24 08:32	09/17/24 02:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.2	0.57	ng/L		09/16/24 08:32	09/17/24 02:29	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		22	5.5	ng/L		09/16/24 08:32	09/17/24 02:29	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		22	5.5	ng/L		09/16/24 08:32	09/17/24 02:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		8.8	2.2	ng/L		09/16/24 08:32	09/17/24 02:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		8.8	2.2	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		4.4	1.1	ng/L		09/16/24 08:32	09/17/24 02:29	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		4.4	1.3	ng/L		09/16/24 08:32	09/17/24 02:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		8.8	2.2	ng/L		09/16/24 08:32	09/17/24 02:29	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		8.8	2.2	ng/L		09/16/24 08:32	09/17/24 02:29	1

Client Sample ID: DUP
Date Collected: 09/12/24 00:00
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-5
Matrix: Water

Method: EPA Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		4.4	1.1	ng/L		09/16/24 08:32	09/17/24 02:29	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		11	2.7	ng/L		09/16/24 08:32	09/17/24 02:29	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		55	14	ng/L		09/16/24 08:32	09/17/24 02:29	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		55	16	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.2	0.55	ng/L		09/16/24 08:32	09/17/24 02:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		4.4	1.1	ng/L		09/16/24 08:32	09/17/24 02:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*93.0*		*10 - 130*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
13C5 PFPeA	*54.9*		*35 - 150*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
13C5 PFHxA	*67.8*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
13C4 PFHpA	*83.1*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
13C8 PFOA	*63.3*		*60 - 140*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
13C9 PFNA	*109*		*55 - 140*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
13C6 PFDA	*106*		*50 - 140*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
13C7 PFUnA	*94.5*		*30 - 140*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
13C2 PFTeDA	*57.4*		*10 - 130*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
13C3 PFBS	*85.7*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
13C3 PFHxS	*94.3*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
13C8 PFOS	*107*		*45 - 140*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
13C8 PFOSA	*106*		*30 - 130*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
d3-NMeFOSAA	*59.1*		*45 - 200*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
d5-NEtFOSAA	*74.5*		*10 - 200*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
M2-4:2 FTS	*89.4*		*60 - 200*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
M2-6:2 FTS	*104*		*60 - 200*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
M2-8:2 FTS	*108*		*50 - 200*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
13C3 HFPO-DA	*82.2*		*25 - 160*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
d7-N-MeFOSE-M	*65.3*		*10 - 150*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
d9-N-EtFOSE-M	*59.6*		*10 - 150*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
d5-NEtPFOSA	*60.3*		*10 - 130*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
D3-NMeFOSA	*64.2*		*15 - 130*	*09/16/24 08:32*	*09/17/24 02:29*	*1*
13C2-PFDoDA	*76.7*		*10 - 150*	*09/16/24 08:32*	*09/17/24 02:29*	*1*

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-223347-1

Client Sample ID: Equipment Blank
Date Collected: 09/12/24 13:50
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-6
Matrix: Water

Method: EPA Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		7.6	2.0	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluoropentanoic acid (PFPeA)	ND		3.8	0.95	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluorohexanoic acid (PFHxA)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluorooctanoic acid (PFOA)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluorononanoic acid (PFNA)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9	0.49	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluorononanesulfonic acid (PFNS)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		7.6	1.9	ng/L		09/16/24 08:32	09/17/24 02:43	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		7.6	1.9	ng/L		09/16/24 08:32	09/17/24 02:43	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		7.6	1.9	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.9	0.59	ng/L		09/16/24 08:32	09/17/24 02:43	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.9	0.50	ng/L		09/16/24 08:32	09/17/24 02:43	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		19	4.8	ng/L		09/16/24 08:32	09/17/24 02:43	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		19	4.8	ng/L		09/16/24 08:32	09/17/24 02:43	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		7.6	1.9	ng/L		09/16/24 08:32	09/17/24 02:43	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		7.6	1.9	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		3.8	0.95	ng/L		09/16/24 08:32	09/17/24 02:43	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		3.8	1.2	ng/L		09/16/24 08:32	09/17/24 02:43	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		7.6	1.9	ng/L		09/16/24 08:32	09/17/24 02:43	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		7.6	1.9	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		3.8	0.95	ng/L		09/16/24 08:32	09/17/24 02:43	1

Client Sample ID: Equipment Blank
Date Collected: 09/12/24 13:50
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-6
Matrix: Water

Method: EPA Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		9.5	2.4	ng/L		09/16/24 08:32	09/17/24 02:43	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		48	12	ng/L		09/16/24 08:32	09/17/24 02:43	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		48	14	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.48	ng/L		09/16/24 08:32	09/17/24 02:43	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		3.8	0.95	ng/L		09/16/24 08:32	09/17/24 02:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*86.1*		*10 - 130*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
13C5 PFPeA	*79.7*		*35 - 150*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
13C5 PFHxA	*75.8*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
13C4 PFHpA	*80.4*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
13C8 PFOA	*80.8*		*60 - 140*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
13C9 PFNA	*92.7*		*55 - 140*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
13C6 PFDA	*108*		*50 - 140*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
13C7 PFUnA	*101*		*30 - 140*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
13C2 PFTeDA	*73.1*		*10 - 130*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
13C3 PFBS	*96.6*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
13C3 PFHxS	*97.5*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
13C8 PFOS	*94.6*		*45 - 140*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
13C8 PFOSA	*88.7*		*30 - 130*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
d3-NMeFOSAA	*85.6*		*45 - 200*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
d5-NEtFOSAA	*92.9*		*10 - 200*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
M2-4:2 FTS	*133*		*60 - 200*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
M2-6:2 FTS	*121*		*60 - 200*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
M2-8:2 FTS	*113*		*50 - 200*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
13C3 HFPO-DA	*79.7*		*25 - 160*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
d7-N-MeFOSE-M	*83.7*		*10 - 150*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
d9-N-EtFOSE-M	*79.8*		*10 - 150*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
d5-NEtPFOSA	*66.9*		*10 - 130*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
D3-NMeFOSA	*71.2*		*15 - 130*	*09/16/24 08:32*	*09/17/24 02:43*	*1*
13C2-PFDoDA	*92.8*		*10 - 150*	*09/16/24 08:32*	*09/17/24 02:43*	*1*

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-223347-1

Client Sample ID: DI Blank
Date Collected: 09/12/24 13:45
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-7
Matrix: Water

Method: EPA Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		7.5	2.0	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluoropentanoic acid (PFPeA)	ND		3.8	0.94	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluorohexanoic acid (PFHxA)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluorooctanoic acid (PFOA)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluorononanoic acid (PFNA)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9	0.49	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluorononanesulfonic acid (PFNS)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		7.5	1.9	ng/L		09/16/24 08:32	09/17/24 02:57	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		7.5	1.9	ng/L		09/16/24 08:32	09/17/24 02:57	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		7.5	1.9	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.9	0.58	ng/L		09/16/24 08:32	09/17/24 02:57	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.9	0.49	ng/L		09/16/24 08:32	09/17/24 02:57	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		19	4.7	ng/L		09/16/24 08:32	09/17/24 02:57	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		19	4.7	ng/L		09/16/24 08:32	09/17/24 02:57	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		7.5	1.9	ng/L		09/16/24 08:32	09/17/24 02:57	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		7.5	1.9	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		3.8	0.94	ng/L		09/16/24 08:32	09/17/24 02:57	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		3.8	1.2	ng/L		09/16/24 08:32	09/17/24 02:57	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		7.5	1.9	ng/L		09/16/24 08:32	09/17/24 02:57	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		7.5	1.9	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		3.8	0.94	ng/L		09/16/24 08:32	09/17/24 02:57	1

Client Sample ID: DI Blank

Date Collected: 09/12/24 13:45
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-7

Matrix: Water

Method: EPA Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		9.4	2.4	ng/L		09/16/24 08:32	09/17/24 02:57	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		47	12	ng/L		09/16/24 08:32	09/17/24 02:57	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		47	14	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.47	ng/L		09/16/24 08:32	09/17/24 02:57	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		3.8	0.94	ng/L		09/16/24 08:32	09/17/24 02:57	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*86.2*		*10 - 130*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
13C5 PFPeA	*74.9*		*35 - 150*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
13C5 PFHxA	*72.2*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
13C4 PFHpA	*75.7*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
13C8 PFOA	*82.4*		*60 - 140*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
13C9 PFNA	*90.2*		*55 - 140*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
13C6 PFDA	*102*		*50 - 140*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
13C7 PFUnA	*93.1*		*30 - 140*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
13C2 PFTeDA	*63.5*		*10 - 130*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
13C3 PFBS	*103*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
13C3 PFHxS	*93.2*		*55 - 150*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
13C8 PFOS	*91.8*		*45 - 140*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
13C8 PFOSA	*84.2*		*30 - 130*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
d3-NMeFOSAA	*78.7*		*45 - 200*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
d5-NEtFOSAA	*92.3*		*10 - 200*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
M2-4:2 FTS	*134*		*60 - 200*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
M2-6:2 FTS	*123*		*60 - 200*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
M2-8:2 FTS	*113*		*50 - 200*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
13C3 HFPO-DA	*71.3*		*25 - 160*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
d7-N-MeFOSE-M	*84.1*		*10 - 150*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
d9-N-EtFOSE-M	*75.7*		*10 - 150*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
d5-NEtPFOSA	*64.8*		*10 - 130*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
D3-NMeFOSA	*68.6*		*15 - 130*	*09/16/24 08:32*	*09/17/24 02:57*	*1*
13C2-PFDoDA	*88.1*		*10 - 150*	*09/16/24 08:32*	*09/17/24 02:57*	*1*

Isotope Dilution Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-223347-1

Method: Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (10-130)	PFPeA (35-150)	13C5PHA (55-150)	C4PFHA (55-150)	C8PFOA (60-140)	C9PFNA (55-140)	C6PFDA (50-140)	13C7PUA (30-140)
480-223347-1	OU2-1	87.9	58.4	69.5	89.1	67.2	106	99.4	88.4
480-223347-1 MS	OU2-1	90.6	57.1	63.1	83.4	65.7	109	110	86.6
480-223347-1 MSD	OU2-1	90.7	60.9	67.6	89.3	66.7	107	105	77.5
480-223347-2	OU2-2	96.6	53.9	70.9	86.0	71.1	115	113	89.6
480-223347-3	OU2-3	90.5	64.2	68.5	83.3	69.4	95.7	118	101
480-223347-3 DU	OU2-3	89.5	61.4	68.5	88.4	69.3	124	104	101
480-223347-4	OU2-4		52.8	64.0	89.1	68.3	115	113	107
480-223347-4	OU2-4	66.0	59.3	59.8	71.4	55.7 *5-	87.7	81.1	87.6
480-223347-5	DUP	93.0	54.9	67.8	83.1	63.3	109	106	94.5
480-223347-6	Equipment Blank	86.1	79.7	75.8	80.4	80.8	92.7	108	101
480-223347-7	DI Blank	86.2	74.9	72.2	75.7	82.4	90.2	102	93.1
MB 240-627062/1-A	Method Blank	87.1	74.2	73.8	76.9	81.9	97.4	106	97.0

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (10-130)	C3PFBS (55-150)	C3PFHS (55-150)	C8PFOS (45-140)	PFOSA (30-130)	d3NMFOS (45-200)	d5NEFOS (10-200)	M242FTS (60-200)
480-223347-1	OU2-1	62.5	94.4	95.9	94.6	103	71.7	81.3	98.6
480-223347-1 MS	OU2-1	57.7	96.7	98.8	97.4	93.3	64.7	76.9	89.5
480-223347-1 MSD	OU2-1	46.4	92.3	97.3	98.6	95.6	63.2	78.2	86.8
480-223347-2	OU2-2	56.6	94.1	95.1	105	102	64.1	76.2	102
480-223347-3	OU2-3	79.3	101	94.5	99.8	99.2	72.3	86.3	92.9
480-223347-3 DU	OU2-3	72.9	95.1	87.1	91.3	99.8	67.4	84.4	90.5
480-223347-4	OU2-4	78.6	62.3	93.2	100	103	59.6	76.0	77.8
480-223347-4	OU2-4	70.3	88.5	91.9	88.2	83.9	71.2	73.2	91.5
480-223347-5	DUP	57.4	85.7	94.3	107	106	59.1	74.5	89.4
480-223347-6	Equipment Blank	73.1	96.6	97.5	94.6	88.7	85.6	92.9	133
480-223347-7	DI Blank	63.5	103	93.2	91.8	84.2	78.7	92.3	134
MB 240-627062/1-A	Method Blank	68.8	98.7	96.4	96.4	91.8	96.4	101	130

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (60-200)	M282FTS (50-200)	HFPODA (25-160)	NMFM (10-150)	NEFM (10-150)	d5NPFSA (10-130)	d3NMFSA (15-130)	PFDoDA (10-150)
480-223347-1	OU2-1	105	114	76.9	80.9	70.6	62.1	69.1	70.0
480-223347-1 MS	OU2-1	104	110	77.0	69.7	62.6	52.4	57.6	71.0
480-223347-1 MSD	OU2-1	104	102	78.1	71.3	61.1	51.2	59.2	59.8
480-223347-2	OU2-2	102	112	82.0	66.1	56.1	56.5	58.4	79.9
480-223347-3	OU2-3	104	117	78.1	83.9	73.8	68.3	70.1	108
480-223347-3 DU	OU2-3	97.7	111	79.2	72.1	74.7	66.0	67.1	83.0
480-223347-4	OU2-4	98.0	94.2	92.2	68.9	57.9	57.1	61.9	94.1
480-223347-4	OU2-4	79.2	89.0	68.5	78.8	82.6	63.3	65.8	78.2
480-223347-5	DUP	104	108	82.2	65.3	59.6	60.3	64.2	76.7
480-223347-6	Equipment Blank	121	113	79.7	83.7	79.8	66.9	71.2	92.8
480-223347-7	DI Blank	123	113	71.3	84.1	75.7	64.8	68.6	88.1
MB 240-627062/1-A	Method Blank	127	118	75.4	86.7	76.3	64.9	67.0	90.0

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA

C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 PFOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = M2-4:2 FTS
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = D3-NMeFOSA
PFDoDA = 13C2-PFDoDA

Method: Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (10-130)	PFPeA (40-150)	13C5PHA (40-150)	C4PFHA (40-150)	C8PFOA (30-140)	C9PFNA (30-140)	C6PFDA (20-140)	13C7PUA (20-140)
LCS 240-627062/3-A	Lab Control Sample	82.3	73.2	71.3	76.2	85.7	87.4	90.9	102
LLCS 240-627062/2-A	Lab Control Sample	84.3	73.7	73.0	72.0	79.1	89.0	103	90.3

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (10-130)	C3PFBS (25-150)	C3PFHS (25-150)	C8PFOS (20-140)	PFOSA (10-130)	d3NMFOS (10-200)	d5NEFOS (10-200)	M242FTS (25-200)
LCS 240-627062/3-A	Lab Control Sample	76.7	90.6	89.2	88.3	82.0	82.0	92.5	127
LLCS 240-627062/2-A	Lab Control Sample	67.5	97.8	91.6	90.6	86.2	89.2	91.8	135

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (25-200)	M282FTS (25-200)	HFPODA (25-160)	NMFM (10-150)	NEFM (10-150)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoDA (10-150)
LCS 240-627062/3-A	Lab Control Sample	117	115	72.8	73.6	75.3	59.8	60.9	86.1
LLCS 240-627062/2-A	Lab Control Sample	122	113	74.1	78.3	79.3	60.8	65.9	95.7

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 PFOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = M2-4:2 FTS

Isotope Dilution Summary

Client: LaBella Associates DPC
Job ID: 480-223347-1
Project/Site: (ESCP) Elk St Job# 2231211

M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = D3-NMeFOSA
PFDoDA = 13C2-PFDoDA

Method: Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Lab Sample ID: MB 240-627062/1-A
Matrix: Water
Analysis Batch: 627188

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 627062

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		8.0	2.1	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluoropentanoic acid (PFPeA)	ND		4.0	1.0	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluorotetradecanoic acid (PFTeDA)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.52	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluorononanesulfonic acid (PFNS)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		8.0	2.0	ng/L		09/16/24 08:32	09/16/24 21:17	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		8.0	2.0	ng/L		09/16/24 08:32	09/16/24 21:17	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		8.0	2.0	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0	0.62	ng/L		09/16/24 08:32	09/16/24 21:17	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0	0.52	ng/L		09/16/24 08:32	09/16/24 21:17	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		20	5.0	ng/L		09/16/24 08:32	09/16/24 21:17	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		20	5.0	ng/L		09/16/24 08:32	09/16/24 21:17	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		8.0	2.0	ng/L		09/16/24 08:32	09/16/24 21:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		8.0	2.0	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		4.0	1.0	ng/L		09/16/24 08:32	09/16/24 21:17	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		4.0	1.2	ng/L		09/16/24 08:32	09/16/24 21:17	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		8.0	2.0	ng/L		09/16/24 08:32	09/16/24 21:17	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		8.0	2.0	ng/L		09/16/24 08:32	09/16/24 21:17	1

Method: Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 240-627062/1-A
Matrix: Water
Analysis Batch: 627188

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 627062

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		4.0	1.0	ng/L		09/16/24 08:32	09/16/24 21:17	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		10	2.5	ng/L		09/16/24 08:32	09/16/24 21:17	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		50	13	ng/L		09/16/24 08:32	09/16/24 21:17	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		50	15	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.50	ng/L		09/16/24 08:32	09/16/24 21:17	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		4.0	1.0	ng/L		09/16/24 08:32	09/16/24 21:17	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.1*		*10 - 130*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
13C5 PFPeA	*74.2*		*35 - 150*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
13C5 PFHxA	*73.8*		*55 - 150*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
13C4 PFHpA	*76.9*		*55 - 150*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
13C8 PFOA	*81.9*		*60 - 140*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
13C9 PFNA	*97.4*		*55 - 140*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
13C6 PFDA	*106*		*50 - 140*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
13C7 PFUnA	*97.0*		*30 - 140*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
13C2 PFTeDA	*68.8*		*10 - 130*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
13C3 PFBS	*98.7*		*55 - 150*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
13C3 PFHxS	*96.4*		*55 - 150*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
13C8 PFOS	*96.4*		*45 - 140*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
13C8 PFOSA	*91.8*		*30 - 130*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
d3-NMeFOSAA	*96.4*		*45 - 200*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
d5-NEtFOSAA	*101*		*10 - 200*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
M2-4:2 FTS	*130*		*60 - 200*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
M2-6:2 FTS	*127*		*60 - 200*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
M2-8:2 FTS	*118*		*50 - 200*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
13C3 HFPO-DA	*75.4*		*25 - 160*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
d7-N-MeFOSE-M	*86.7*		*10 - 150*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
d9-N-EtFOSE-M	*76.3*		*10 - 150*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
d5-NEtPFOSA	*64.9*		*10 - 130*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
D3-NMeFOSA	*67.0*		*15 - 130*	*09/16/24 08:32*	*09/16/24 21:17*	*1*
13C2-PFDoDA	*90.0*		*10 - 150*	*09/16/24 08:32*	*09/16/24 21:17*	*1*

Lab Sample ID: LCS 240-627062/3-A
Matrix: Water
Analysis Batch: 627188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 627062

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	100	97.7		ng/L		98	58 - 148
Perfluoropentanoic acid (PFPeA)	50.0	51.6		ng/L		103	54 - 152
Perfluorohexanoic acid (PFHxA)	25.0	27.6		ng/L		110	55 - 152
Perfluoroheptanoic acid (PFHpA)	25.0	24.8		ng/L		99	54 - 154
Perfluorooctanoic acid (PFOA)	25.0	27.0		ng/L		108	52 - 161
Perfluorononanoic acid (PFNA)	25.0	25.2		ng/L		101	59 - 149
Perfluorodecanoic acid (PFDA)	25.0	27.2		ng/L		109	52 - 147

Method: Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 240-627062/3-A
Matrix: Water
Analysis Batch: 627188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 627062

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	25.0	20.2		ng/L		81	48 - 159
Perfluorododecanoic acid (PFDoA)	25.0	24.4		ng/L		98	64 - 142
Perfluorotridecanoic acid (PFTrDA)	25.0	21.5		ng/L		86	49 - 148
Perfluorotetradecanoic acid (PFTeDA)	25.0	24.2		ng/L		97	47 - 161
Perfluorobutanesulfonic acid (PFBS)	22.1	22.4		ng/L		101	62 - 144
Perfluoropentanesulfonic acid (PFPeS)	23.5	25.3		ng/L		108	59 - 151
Perfluorohexanesulfonic acid (PFHxS)	22.8	24.7		ng/L		109	57 - 146
Perfluoroheptanesulfonic acid (PFHpS)	23.8	23.2		ng/L		97	55 - 152
Perfluorooctanesulfonic acid (PFOS)	23.2	22.1		ng/L		95	58 - 149
Perfluorononanesulfonic acid (PFNS)	24.0	22.6		ng/L		94	52 - 148
Perfluorododecanesulfonic acid (PFDoS)	24.2	19.1		ng/L		79	36 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	93.4	84.1		ng/L		90	67 - 146
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	94.8	86.8		ng/L		92	61 - 151
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	95.8	87.8		ng/L		92	63 - 152
Perfluorooctanesulfonamide (PFOSA)	25.0	26.7		ng/L		107	61 - 148
N-methylperfluorooctane sulfonamide (NMeFOSA)	25.0	29.5		ng/L		118	63 - 145
N-ethylperfluorooctane sulfonamide (NEtFOSA)	25.0	27.8		ng/L		111	65 - 139
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	25.0	26.3		ng/L		105	58 - 144
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	25.0	22.8		ng/L		91	59 - 146
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	250	257		ng/L		103	71 - 136
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	250	258		ng/L		103	69 - 137
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	100	91.9		ng/L		92	63 - 144
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	94.2	101		ng/L		107	68 - 146
Perfluoro-4-methoxybutanoic acid (PFMBA)	50.0	49.3		ng/L		99	55 - 148
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	50.0	54.9		ng/L		110	48 - 161
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	93.2	90.8		ng/L		97	56 - 156
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	94.2	87.9		ng/L		93	46 - 156

Method: Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 240-627062/3-A
Matrix: Water
Analysis Batch: 627188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 627062

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	44.5	47.8		ng/L		108	56 - 151
3-Perfluoropropylpropanoic acid (3:3 FTCA)	125	111		ng/L		89	62 - 129
3-Perfluoropentylpropanoic acid (5:3 FTCA)	625	480		ng/L		77	63 - 134
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	625	550		ng/L		88	50 - 138
Perfluorodecanesulfonic acid (PFDS)	24.1	22.9		ng/L		95	51 - 147
Perfluoro-3-methoxypropanoic acid (PFMPA)	50.0	48.1		ng/L		96	51 - 145

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*82.3*		*10 - 130*
13C5 PFPeA	*73.2*		*40 - 150*
13C5 PFHxA	*71.3*		*40 - 150*
13C4 PFHpA	*76.2*		*40 - 150*
13C8 PFOA	*85.7*		*30 - 140*
13C9 PFNA	*87.4*		*30 - 140*
13C6 PFDA	*90.9*		*20 - 140*
13C7 PFUnA	*102*		*20 - 140*
13C2 PFTeDA	*76.7*		*10 - 130*
13C3 PFBS	*90.6*		*25 - 150*
13C3 PFHxS	*89.2*		*25 - 150*
13C8 PFOS	*88.3*		*20 - 140*
13C8 PFOSA	*82.0*		*10 - 130*
d3-NMeFOSAA	*82.0*		*10 - 200*
d5-NEtFOSAA	*92.5*		*10 - 200*
M2-4:2 FTS	*127*		*25 - 200*
M2-6:2 FTS	*117*		*25 - 200*
M2-8:2 FTS	*115*		*25 - 200*
13C3 HFPO-DA	*72.8*		*25 - 160*
d7-N-MeFOSE-M	*73.6*		*10 - 150*
d9-N-EtFOSE-M	*75.3*		*10 - 150*
d5-NEtPFOSA	*59.8*		*10 - 130*
D3-NMeFOSA	*60.9*		*10 - 130*
13C2-PFDoDA	*86.1*		*10 - 150*

Lab Sample ID: LLCS 240-627062/2-A
Matrix: Water
Analysis Batch: 627188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 627062

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	8.00	8.23		ng/L		103	44 - 157
Perfluoropentanoic acid (PFPeA)	4.00	4.40		ng/L		110	57 - 148
Perfluorohexanoic acid (PFHxA)	2.00	2.20		ng/L		110	62 - 149
Perfluoroheptanoic acid (PFHpA)	2.00	2.31		ng/L		116	56 - 150
Perfluorooctanoic acid (PFOA)	2.00	2.42		ng/L		121	57 - 161
Perfluorononanoic acid (PFNA)	2.00	2.12		ng/L		106	53 - 157

Method: Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 240-627062/2-A
Matrix: Water
Analysis Batch: 627188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 627062

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorodecanoic acid (PFDA)	2.00	2.17		ng/L		109	43 - 158
Perfluoroundecanoic acid (PFUnA)	2.00	2.05		ng/L		103	50 - 155
Perfluorododecanoic acid (PFDoA)	2.00	1.96	J	ng/L		98	60 - 141
Perfluorotridecanoic acid (PFTrDA)	2.00	1.91	J	ng/L		96	52 - 140
Perfluorotetradecanoic acid (PFTeDA)	2.00	2.41		ng/L		121	52 - 156
Perfluorobutanesulfonic acid (PFBS)	1.77	1.82	J	ng/L		103	63 - 145
Perfluoropentanesulfonic acid (PFPeS)	1.88	2.22		ng/L		118	58 - 144
Perfluorohexanesulfonic acid (PFHxS)	1.82	2.31		ng/L		127	44 - 158
Perfluoroheptanesulfonic acid (PFHpS)	1.90	2.10		ng/L		110	51 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.83	J	ng/L		99	43 - 162
Perfluorononanesulfonic acid (PFNS)	1.92	2.04		ng/L		106	46 - 151
Perfluorododecanesulfonic acid (PFDoS)	1.94	1.49	J	ng/L		77	30 - 138
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.47	7.21	J	ng/L		97	52 - 158
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.58	7.51	J	ng/L		99	48 - 158
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.66	7.64	J	ng/L		100	46 - 165
Perfluorooctanesulfonamide (PFOSA)	2.00	2.30		ng/L		115	47 - 163
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.00	2.40		ng/L		120	54 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.00	2.38		ng/L		119	49 - 156
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.23		ng/L		112	32 - 160
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.00		ng/L		100	51 - 154
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	19.6	J	ng/L		98	56 - 151
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	19.8	J	ng/L		99	60 - 147
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	8.00	8.26		ng/L		103	58 - 154
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.54	8.57		ng/L		114	61 - 148
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	4.08		ng/L		102	49 - 154
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	4.17		ng/L		104	47 - 160
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	7.46	7.59	J	ng/L		102	44 - 167

Method: Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 240-627062/2-A
Matrix: Water
Analysis Batch: 627188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 627062

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	7.54	7.17	J	ng/L		95	36 - 158
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.56	4.00		ng/L		112	56 - 144
3-Perfluoropropylpropanoic acid (3:3 FTCA)	10.0	9.39	J	ng/L		94	32 - 161
3-Perfluoropentylpropanoic acid (5:3 FTCA)	50.0	41.4	J	ng/L		83	39 - 156
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	50.0	43.1	J	ng/L		86	36 - 149
Perfluorodecanesulfonic acid (PFDS)	1.93	1.85	J	ng/L		96	50 - 144
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	4.18		ng/L		105	48 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*84.3*		*10 - 130*
13C5 PFPeA	*73.7*		*40 - 150*
13C5 PFHxA	*73.0*		*40 - 150*
13C4 PFHpA	*72.0*		*40 - 150*
13C8 PFOA	*79.1*		*30 - 140*
13C9 PFNA	*89.0*		*30 - 140*
13C6 PFDA	*103*		*20 - 140*
13C7 PFUnA	*90.3*		*20 - 140*
13C2 PFTeDA	*67.5*		*10 - 130*
13C3 PFBS	*97.8*		*25 - 150*
13C3 PFHxS	*91.6*		*25 - 150*
13C8 PFOS	*90.6*		*20 - 140*
13C8 PFOSA	*86.2*		*10 - 130*
d3-NMeFOSAA	*89.2*		*10 - 200*
d5-NEtFOSAA	*91.8*		*10 - 200*
M2-4:2 FTS	*135*		*25 - 200*
M2-6:2 FTS	*122*		*25 - 200*
M2-8:2 FTS	*113*		*25 - 200*
13C3 HFPO-DA	*74.1*		*25 - 160*
d7-N-MeFOSE-M	*78.3*		*10 - 150*
d9-N-EtFOSE-M	*79.3*		*10 - 150*
d5-NEtPFOSA	*60.8*		*10 - 130*
D3-NMeFOSA	*65.9*		*10 - 130*
13C2-PFDoDA	*95.7*		*10 - 150*

Lab Sample ID: 480-223347-1 MS
Matrix: Water
Analysis Batch: 627188

Client Sample ID: OU2-1
Prep Type: Total/NA
Prep Batch: 627062

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	ND		101	101		ng/L		101	58 - 148
Perfluoropentanoic acid (PFPeA)	29		50.3	80.4		ng/L		103	54 - 152
Perfluorohexanoic acid (PFHxA)	23		25.2	57.2		ng/L		135	55 - 152
Perfluoroheptanoic acid (PFHpA)	25		25.2	47.8		ng/L		92	54 - 154

Method: Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: 480-223347-1 MS
Matrix: Water
Analysis Batch: 627188

Client Sample ID: OU2-1
Prep Type: Total/NA
Prep Batch: 627062

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanoic acid (PFOA)	470		25.2	486	4	ng/L		57	52 - 161
Perfluorononanoic acid (PFNA)	52		25.2	78.1		ng/L		102	59 - 149
Perfluorodecanoic acid (PFDA)	2.1		25.2	24.9		ng/L		91	52 - 147
Perfluoroundecanoic acid (PFUnA)	1.6	J	25.2	23.7		ng/L		88	48 - 159
Perfluorododecanoic acid (PFDoA)	ND		25.2	24.9		ng/L		99	64 - 142
Perfluorotridecanoic acid (PFTrDA)	0.86	J I	25.2	19.3		ng/L		73	49 - 148
Perfluorotetradecanoic acid (PFTeDA)	ND		25.2	23.3		ng/L		93	47 - 161
Perfluorobutanesulfonic acid (PFBS)	10		22.2	33.1		ng/L		102	62 - 144
Perfluoropentanesulfonic acid (PFPeS)	ND		23.6	26.1		ng/L		111	59 - 151
Perfluorohexanesulfonic acid (PFHxS)	6.8		22.9	33.4		ng/L		116	57 - 146
Perfluoroheptanesulfonic acid (PFHpS)	0.52	J I	24.0	24.6		ng/L		103	55 - 152
Perfluorooctanesulfonic acid (PFOS)	13		23.3	35.8		ng/L		96	58 - 149
Perfluorononanesulfonic acid (PFNS)	ND		24.2	19.8		ng/L		82	52 - 148
Perfluorododecanesulfonic acid (PFDoS)	ND		24.4	12.6		ng/L		52	36 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		94.0	93.1		ng/L		99	67 - 146
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.3	J	95.4	94.5		ng/L		96	61 - 151
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.0	J	96.4	96.5		ng/L		94	63 - 152
Perfluorooctanesulfonamide (PFOSA)	0.57	J I	25.2	28.4		ng/L		110	61 - 148
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		25.2	28.5		ng/L		113	63 - 145
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		25.2	28.0		ng/L		111	65 - 139
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		25.2	27.8		ng/L		111	58 - 144
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		25.2	22.6		ng/L		90	59 - 146
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		252	266		ng/L		106	71 - 136
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		252	239		ng/L		95	69 - 137
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		101	99.9		ng/L		99	63 - 144
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	F1	94.8	141	F1	ng/L		148	68 - 146
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		50.3	61.9		ng/L		123	55 - 148
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		50.3	43.4		ng/L		86	48 - 161

Method: Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: 480-223347-1 MS
Matrix: Water
Analysis Batch: 627188

Client Sample ID: OU2-1
Prep Type: Total/NA
Prep Batch: 627062

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		93.8	112		ng/L		119	56 - 156
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		94.8	77.9		ng/L		82	46 - 156
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		44.8	66.3		ng/L		148	56 - 151
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		126	153		ng/L		122	62 - 129
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		629	727		ng/L		116	63 - 134
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND	F1	629	988	F1	ng/L		157	50 - 138
Perfluorodecanesulfonic acid (PFDS)	ND		24.3	15.9		ng/L		66	51 - 147
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		50.3	51.2		ng/L		102	51 - 145

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*90.6*		*10 - 130*
13C5 PFPeA	*57.1*		*35 - 150*
13C5 PFHxA	*63.1*		*55 - 150*
13C4 PFHpA	*83.4*		*55 - 150*
13C8 PFOA	*65.7*		*60 - 140*
13C9 PFNA	*109*		*55 - 140*
13C6 PFDA	*110*		*50 - 140*
13C7 PFUnA	*86.6*		*30 - 140*
13C2 PFTeDA	*57.7*		*10 - 130*
13C3 PFBS	*96.7*		*55 - 150*
13C3 PFHxS	*98.8*		*55 - 150*
13C8 PFOS	*97.4*		*45 - 140*
13C8 PFOSA	*93.3*		*30 - 130*
d3-NMeFOSAA	*64.7*		*45 - 200*
d5-NEtFOSAA	*76.9*		*10 - 200*
M2-4:2 FTS	*89.5*		*60 - 200*
M2-6:2 FTS	*104*		*60 - 200*
M2-8:2 FTS	*110*		*50 - 200*
13C3 HFPO-DA	*77.0*		*25 - 160*
d7-N-MeFOSE-M	*69.7*		*10 - 150*
d9-N-EtFOSE-M	*62.6*		*10 - 150*
d5-NEtPFOSA	*52.4*		*10 - 130*
D3-NMeFOSA	*57.6*		*15 - 130*
13C2-PFDoDA	*71.0*		*10 - 150*

Lab Sample ID: 480-223347-1 MSD
Matrix: Water
Analysis Batch: 627188

Client Sample ID: OU2-1
Prep Type: Total/NA
Prep Batch: 627062

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	ND		103	99.1		ng/L		97	58 - 148	2	30

Method: Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: 480-223347-1 MSD
Matrix: Water
Analysis Batch: 627188

Client Sample ID: OU2-1
Prep Type: Total/NA
Prep Batch: 627062

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoropentanoic acid (PFPeA)	29		51.3	74.6		ng/L		89	54 - 152	8	30
Perfluorohexanoic acid (PFHxA)	23		25.7	51.0		ng/L		108	55 - 152	12	30
Perfluoroheptanoic acid (PFHpA)	25		25.7	48.9		ng/L		95	54 - 154	2	30
Perfluorooctanoic acid (PFOA)	470		25.7	493	4	ng/L		84	52 - 161	1	30
Perfluorononanoic acid (PFNA)	52		25.7	75.9		ng/L		91	59 - 149	3	30
Perfluorodecanoic acid (PFDA)	2.1		25.7	26.1		ng/L		94	52 - 147	5	30
Perfluoroundecanoic acid (PFUnA)	1.6	J	25.7	24.1		ng/L		88	48 - 159	2	30
Perfluorododecanoic acid (PFDoA)	ND		25.7	25.7		ng/L		100	64 - 142	3	30
Perfluorotridecanoic acid (PFTrDA)	0.86	J I	25.7	23.4		ng/L		88	49 - 148	19	30
Perfluorotetradecanoic acid (PFTeDA)	ND		25.7	24.8		ng/L		97	47 - 161	6	30
Perfluorobutanesulfonic acid (PFBS)	10		22.7	35.3		ng/L		110	62 - 144	6	30
Perfluoropentanesulfonic acid (PFPeS)	ND		24.1	26.8		ng/L		111	59 - 151	3	30
Perfluorohexanesulfonic acid (PFHxS)	6.8		23.3	34.1		ng/L		117	57 - 146	2	30
Perfluoroheptanesulfonic acid (PFHpS)	0.52	J I	24.4	25.6		ng/L		105	55 - 152	4	30
Perfluorooctanesulfonic acid (PFOS)	13		23.8	34.6		ng/L		89	58 - 149	3	30
Perfluorononanesulfonic acid (PFNS)	ND		24.6	19.5		ng/L		79	52 - 148	2	30
Perfluorododecanesulfonic acid (PFDoS)	ND		24.8	11.6		ng/L		47	36 - 145	8	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		95.9	96.0		ng/L		100	67 - 146	3	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	3.3	J	97.3	98.9		ng/L		98	61 - 151	5	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.0	J	98.3	99.9		ng/L		96	63 - 152	3	30
Perfluorooctanesulfonamide (PFOSA)	0.57	J I	25.7	28.1		ng/L		107	61 - 148	1	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		25.7	28.0		ng/L		109	63 - 145	2	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		25.7	26.5		ng/L		103	65 - 139	5	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		25.7	26.9		ng/L		105	58 - 144	3	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		25.7	22.9		ng/L		89	59 - 146	1	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		257	241		ng/L		94	71 - 136	10	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		257	258		ng/L		100	69 - 137	8	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		103	95.7		ng/L		93	63 - 144	4	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	F1	96.7	145	F1	ng/L		150	68 - 146	3	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		51.3	59.9		ng/L		117	55 - 148	3	30

Method: Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: 480-223347-1 MSD
Matrix: Water
Analysis Batch: 627188

Client Sample ID: OU2-1
Prep Type: Total/NA
Prep Batch: 627062

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		51.3	41.3		ng/L		80	48 - 161	5	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		95.6	116		ng/L		121	56 - 156	3	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		96.7	72.3		ng/L		75	46 - 156	7	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		45.7	65.9		ng/L		144	56 - 151	1	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		128	140		ng/L		109	62 - 129	9	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		641	712		ng/L		111	63 - 134	2	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND	F1	641	949	F1	ng/L		148	50 - 138	4	30
Perfluorodecanesulfonic acid (PFDS)	ND		24.7	15.3		ng/L		62	51 - 147	4	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		51.3	49.6		ng/L		97	51 - 145	3	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*90.7*		*10 - 130*
13C5 PFPeA	*60.9*		*35 - 150*
13C5 PFHxA	*67.6*		*55 - 150*
13C4 PFHpA	*89.3*		*55 - 150*
13C8 PFOA	*66.7*		*60 - 140*
13C9 PFNA	*107*		*55 - 140*
13C6 PFDA	*105*		*50 - 140*
13C7 PFUnA	*77.5*		*30 - 140*
13C2 PFTeDA	*46.4*		*10 - 130*
13C3 PFBS	*92.3*		*55 - 150*
13C3 PFHxS	*97.3*		*55 - 150*
13C8 PFOS	*98.6*		*45 - 140*
13C8 PFOSA	*95.6*		*30 - 130*
d3-NMeFOSAA	*63.2*		*45 - 200*
d5-NEtFOSAA	*78.2*		*10 - 200*
M2-4:2 FTS	*86.8*		*60 - 200*
M2-6:2 FTS	*104*		*60 - 200*
M2-8:2 FTS	*102*		*50 - 200*
13C3 HFPO-DA	*78.1*		*25 - 160*
d7-N-MeFOSE-M	*71.3*		*10 - 150*
d9-N-EtFOSE-M	*61.1*		*10 - 150*
d5-NEtPFOSA	*51.2*		*10 - 130*
D3-NMeFOSA	*59.2*		*15 - 130*
13C2-PFDoDA	*59.8*		*10 - 150*

Method: Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: 480-223347-3 DU
Matrix: Water
Analysis Batch: 627188

Client Sample ID: OU2-3
Prep Type: Total/NA
Prep Batch: 627062

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	13			13.3		ng/L				3	30
Perfluoropentanoic acid (PFPeA)	53			52.3		ng/L				0.5	30
Perfluorohexanoic acid (PFHxA)	34			32.1		ng/L				6	30
Perfluoroheptanoic acid (PFHpA)	31			29.3		ng/L				6	30
Perfluorooctanoic acid (PFOA)	39			38.6		ng/L				1	30
Perfluorononanoic acid (PFNA)	31			26.1		ng/L				16	30
Perfluorodecanoic acid (PFDA)	3.4			3.41		ng/L				0.2	30
Perfluoroundecanoic acid (PFUnA)	2.1			1.92	J	ng/L				10	30
Perfluorododecanoic acid (PFDoA)	ND			ND		ng/L				NC	30
Perfluorotridecanoic acid (PFTrDA)	ND			ND		ng/L				NC	30
Perfluorotetradecanoic acid (PFTeDA)	ND			ND		ng/L				NC	30
Perfluorobutanesulfonic acid (PFBS)	2.8			2.69		ng/L				3	30
Perfluoropentanesulfonic acid (PFPeS)	3.9	I		3.66		ng/L				7	30
Perfluorohexanesulfonic acid (PFHxS)	19			20.6		ng/L				7	30
Perfluoroheptanesulfonic acid (PFHpS)	ND			ND		ng/L				NC	30
Perfluorooctanesulfonic acid (PFOS)	21			22.4		ng/L				8	30
Perfluorononanesulfonic acid (PFNS)	ND			ND		ng/L				NC	30
Perfluorododecanesulfonic acid (PFDoS)	ND			ND		ng/L				NC	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND			ND		ng/L				NC	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	62			59.3		ng/L				4	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND			ND		ng/L				NC	30
Perfluorooctanesulfonamide (PFOSA)	ND			ND		ng/L				NC	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND			ND		ng/L				NC	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND			ND		ng/L				NC	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND			ND		ng/L				NC	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND			ND		ng/L				NC	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND			ND		ng/L				NC	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND			ND		ng/L				NC	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND			ND		ng/L				NC	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND			ND		ng/L				NC	30

Method: Draft-3 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: 480-223347-3 DU
Matrix: Water
Analysis Batch: 627188

Client Sample ID: OU2-3
Prep Type: Total/NA
Prep Batch: 627062

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND			ND		ng/L				NC	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND			ND		ng/L				NC	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND			ND		ng/L				NC	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND			ND		ng/L				NC	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND			ND		ng/L				NC	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND			ND		ng/L				NC	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND			ND		ng/L				NC	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND			ND		ng/L				NC	30
Perfluorodecanesulfonic acid (PFDS)	ND			ND		ng/L				NC	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND			ND		ng/L				NC	30

Isotope Dilution	*DU %Recovery*	*DU Qualifier*	*Limits*
13C4 PFBA	*89.5*		*10 - 130*
13C5 PFPeA	*61.4*		*35 - 150*
13C5 PFHxA	*68.5*		*55 - 150*
13C4 PFHpA	*88.4*		*55 - 150*
13C8 PFOA	*69.3*		*60 - 140*
13C9 PFNA	*124*		*55 - 140*
13C6 PFDA	*104*		*50 - 140*
13C7 PFUnA	*101*		*30 - 140*
13C2 PFTeDA	*72.9*		*10 - 130*
13C3 PFBS	*95.1*		*55 - 150*
13C3 PFHxS	*87.1*		*55 - 150*
13C8 PFOS	*91.3*		*45 - 140*
13C8 PFOSA	*99.8*		*30 - 130*
d3-NMeFOSAA	*67.4*		*45 - 200*
d5-NEtFOSAA	*84.4*		*10 - 200*
M2-4:2 FTS	*90.5*		*60 - 200*
M2-6:2 FTS	*97.7*		*60 - 200*
M2-8:2 FTS	*111*		*50 - 200*
13C3 HFPO-DA	*79.2*		*25 - 160*
d7-N-MeFOSE-M	*72.1*		*10 - 150*
d9-N-EtFOSE-M	*74.7*		*10 - 150*
d5-NEtPFOSA	*66.0*		*10 - 130*
D3-NMeFOSA	*67.1*		*15 - 130*
13C2-PFDoDA	*83.0*		*10 - 150*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-725098/1-A
Matrix: Water
Analysis Batch: 725449

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 725098

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		09/16/24 09:23	09/17/24 17:22	1

Lab Sample ID: LCS 480-725098/2-A
Matrix: Water
Analysis Batch: 725449

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 725098

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.500	0.474		mg/L		95	85 - 115

Lab Sample ID: MB 480-725040/1-B
Matrix: Water
Analysis Batch: 725441

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 725061

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.010	0.0039	mg/L		09/16/24 09:20	09/17/24 19:04	1

Lab Sample ID: LCS 480-725040/2-B
Matrix: Water
Analysis Batch: 725441

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 725061

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.500	0.515		mg/L		103	85 - 115

Lab Sample ID: LCSD 480-725040/3-B
Matrix: Water
Analysis Batch: 725441

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 725061

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	0.500	0.514		mg/L		103	85 - 115	0	20

Lab Sample ID: 480-223347-2 MS
Matrix: Water
Analysis Batch: 725441

Client Sample ID: OU2-2
Prep Type: Dissolved
Prep Batch: 725061

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	ND		0.500	0.519		mg/L		104	70 - 130

Lab Sample ID: 480-223347-2 MSD
Matrix: Water
Analysis Batch: 725441

Client Sample ID: OU2-2
Prep Type: Dissolved
Prep Batch: 725061

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	ND		0.500	0.516		mg/L		103	70 - 130	1	20

QC Association Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-223347-1

LCMS

Prep Batch: 627062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223347-1	OU2-1	Total/NA	Water	1633	
480-223347-2	OU2-2	Total/NA	Water	1633	
480-223347-3	OU2-3	Total/NA	Water	1633	
480-223347-4	OU2-4	Total/NA	Water	1633	
480-223347-5	DUP	Total/NA	Water	1633	
480-223347-6	Equipment Blank	Total/NA	Water	1633	
480-223347-7	DI Blank	Total/NA	Water	1633	
MB 240-627062/1-A	Method Blank	Total/NA	Water	1633	
LCS 240-627062/3-A	Lab Control Sample	Total/NA	Water	1633	
LLCS 240-627062/2-A	Lab Control Sample	Total/NA	Water	1633	
480-223347-1 MS	OU2-1	Total/NA	Water	1633	
480-223347-1 MSD	OU2-1	Total/NA	Water	1633	
480-223347-3 DU	OU2-3	Total/NA	Water	1633	

Analysis Batch: 627188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223347-1	OU2-1	Total/NA	Water	Draft-3 1633	627062
480-223347-2	OU2-2	Total/NA	Water	Draft-3 1633	627062
480-223347-3	OU2-3	Total/NA	Water	Draft-3 1633	627062
480-223347-4	OU2-4	Total/NA	Water	Draft-3 1633	627062
480-223347-5	DUP	Total/NA	Water	Draft-3 1633	627062
480-223347-6	Equipment Blank	Total/NA	Water	Draft-3 1633	627062
480-223347-7	DI Blank	Total/NA	Water	Draft-3 1633	627062
MB 240-627062/1-A	Method Blank	Total/NA	Water	Draft-3 1633	627062
LCS 240-627062/3-A	Lab Control Sample	Total/NA	Water	Draft-3 1633	627062
LLCS 240-627062/2-A	Lab Control Sample	Total/NA	Water	Draft-3 1633	627062
480-223347-1 MS	OU2-1	Total/NA	Water	Draft-3 1633	627062
480-223347-1 MSD	OU2-1	Total/NA	Water	Draft-3 1633	627062
480-223347-3 DU	OU2-3	Total/NA	Water	Draft-3 1633	627062

Prep Batch: 627601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223347-4	OU2-4	Total/NA	Water	1633	

Analysis Batch: 627681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223347-4	OU2-4	Total/NA	Water	Draft-3 1633	627601

Metals

Filtration Batch: 725040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223347-1	OU2-1	Dissolved	Water	FILTRATION	
480-223347-2	OU2-2	Dissolved	Water	FILTRATION	
480-223347-3	OU2-3	Dissolved	Water	FILTRATION	
480-223347-4	OU2-4	Dissolved	Water	FILTRATION	
MB 480-725040/1-B	Method Blank	Dissolved	Water	FILTRATION	
LCS 480-725040/2-B	Lab Control Sample	Dissolved	Water	FILTRATION	
LCSD 480-725040/3-B	Lab Control Sample Dup	Dissolved	Water	FILTRATION	
480-223347-2 MS	OU2-2	Dissolved	Water	FILTRATION	
480-223347-2 MSD	OU2-2	Dissolved	Water	FILTRATION	

QC Association Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-223347-1

Metals

Prep Batch: 725061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223347-1	OU2-1	Dissolved	Water	200.7	725040
480-223347-2	OU2-2	Dissolved	Water	200.7	725040
480-223347-3	OU2-3	Dissolved	Water	200.7	725040
480-223347-4	OU2-4	Dissolved	Water	200.7	725040
MB 480-725040/1-B	Method Blank	Dissolved	Water	200.7	725040
LCS 480-725040/2-B	Lab Control Sample	Dissolved	Water	200.7	725040
LCSD 480-725040/3-B	Lab Control Sample Dup	Dissolved	Water	200.7	725040
480-223347-2 MS	OU2-2	Dissolved	Water	200.7	725040
480-223347-2 MSD	OU2-2	Dissolved	Water	200.7	725040

Prep Batch: 725098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223347-1	OU2-1	Total/NA	Water	200.7	
480-223347-2	OU2-2	Total/NA	Water	200.7	
480-223347-3	OU2-3	Total/NA	Water	200.7	
480-223347-4	OU2-4	Total/NA	Water	200.7	
MB 480-725098/1-A	Method Blank	Total/NA	Water	200.7	
LCS 480-725098/2-A	Lab Control Sample	Total/NA	Water	200.7	

Analysis Batch: 725441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223347-1	OU2-1	Dissolved	Water	200.7 Rev 4.4	725061
480-223347-2	OU2-2	Dissolved	Water	200.7 Rev 4.4	725061
480-223347-3	OU2-3	Dissolved	Water	200.7 Rev 4.4	725061
480-223347-4	OU2-4	Dissolved	Water	200.7 Rev 4.4	725061
MB 480-725040/1-B	Method Blank	Dissolved	Water	200.7 Rev 4.4	725061
LCS 480-725040/2-B	Lab Control Sample	Dissolved	Water	200.7 Rev 4.4	725061
LCSD 480-725040/3-B	Lab Control Sample Dup	Dissolved	Water	200.7 Rev 4.4	725061
480-223347-2 MS	OU2-2	Dissolved	Water	200.7 Rev 4.4	725061
480-223347-2 MSD	OU2-2	Dissolved	Water	200.7 Rev 4.4	725061

Analysis Batch: 725449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223347-1	OU2-1	Total/NA	Water	200.7 Rev 4.4	725098
480-223347-2	OU2-2	Total/NA	Water	200.7 Rev 4.4	725098
480-223347-3	OU2-3	Total/NA	Water	200.7 Rev 4.4	725098
480-223347-4	OU2-4	Total/NA	Water	200.7 Rev 4.4	725098
MB 480-725098/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	725098
LCS 480-725098/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	725098

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-223347-1

Client Sample ID: OU2-1
Date Collected: 09/12/24 08:55
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			627062	JVB4	EET CLE	09/16/24 08:32
Total/NA	Analysis	Draft-3 1633		1	627188	MRL	EET CLE	09/17/24 00:41
Dissolved	Filtration	FILTRATION			725040	EMO	EET BUF	09/13/24 10:29
Dissolved	Prep	200.7			725061	EMO	EET BUF	09/16/24 09:20
Dissolved	Analysis	200.7 Rev 4.4		1	725441	BMB	EET BUF	09/17/24 19:10
Total/NA	Prep	200.7			725098	EMO	EET BUF	09/16/24 09:23
Total/NA	Analysis	200.7 Rev 4.4		1	725449	BMB	EET BUF	09/17/24 17:26

Client Sample ID: OU2-2
Date Collected: 09/12/24 09:20
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			627062	JVB4	EET CLE	09/16/24 08:32
Total/NA	Analysis	Draft-3 1633		1	627188	MRL	EET CLE	09/17/24 01:48
Dissolved	Filtration	FILTRATION			725040	EMO	EET BUF	09/13/24 10:29
Dissolved	Prep	200.7			725061	EMO	EET BUF	09/16/24 09:20
Dissolved	Analysis	200.7 Rev 4.4		1	725441	BMB	EET BUF	09/17/24 19:12
Total/NA	Prep	200.7			725098	EMO	EET BUF	09/16/24 09:23
Total/NA	Analysis	200.7 Rev 4.4		1	725449	BMB	EET BUF	09/17/24 17:28

Client Sample ID: OU2-3
Date Collected: 09/12/24 09:30
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			627062	JVB4	EET CLE	09/16/24 08:32
Total/NA	Analysis	Draft-3 1633		1	627188	MRL	EET CLE	09/17/24 02:02
Dissolved	Filtration	FILTRATION			725040	EMO	EET BUF	09/13/24 10:29
Dissolved	Prep	200.7			725061	EMO	EET BUF	09/16/24 09:20
Dissolved	Analysis	200.7 Rev 4.4		1	725441	BMB	EET BUF	09/17/24 19:27
Total/NA	Prep	200.7			725098	EMO	EET BUF	09/16/24 09:23
Total/NA	Analysis	200.7 Rev 4.4		1	725449	BMB	EET BUF	09/17/24 17:30

Client Sample ID: OU2-4
Date Collected: 09/12/24 09:55
Date Received: 09/12/24 14:10

Lab Sample ID: 480-223347-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			627062	JVB4	EET CLE	09/16/24 08:32
Total/NA	Analysis	Draft-3 1633		1	627188	MRL	EET CLE	09/17/24 02:16
Total/NA	Prep	1633			627601	CLB	EET CLE	09/19/24 08:37
Total/NA	Analysis	Draft-3 1633		1	627681	LD	EET CLE	09/19/24 16:07
Dissolved	Filtration	FILTRATION			725040	EMO	EET BUF	09/13/24 10:29
Dissolved	Prep	200.7			725061	EMO	EET BUF	09/16/24 09:20
Dissolved	Analysis	200.7 Rev 4.4		1	725441	BMB	EET BUF	09/17/24 19:29

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-223347-1

Client Sample ID: OU2-4

Lab Sample ID: 480-223347-4

Date Collected: 09/12/24 09:55

Matrix: Water

Date Received: 09/12/24 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	200.7			725098	EMO	EET BUF	09/16/24 09:23
Total/NA	Analysis	200.7 Rev 4.4		1	725449	BMB	EET BUF	09/17/24 17:32

Client Sample ID: DUP

Lab Sample ID: 480-223347-5

Date Collected: 09/12/24 00:00

Matrix: Water

Date Received: 09/12/24 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			627062	JVB4	EET CLE	09/16/24 08:32
Total/NA	Analysis	Draft-3 1633		1	627188	MRL	EET CLE	09/17/24 02:29

Client Sample ID: Equipment Blank

Lab Sample ID: 480-223347-6

Date Collected: 09/12/24 13:50

Matrix: Water

Date Received: 09/12/24 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			627062	JVB4	EET CLE	09/16/24 08:32
Total/NA	Analysis	Draft-3 1633		1	627188	MRL	EET CLE	09/17/24 02:43

Client Sample ID: DI Blank

Lab Sample ID: 480-223347-7

Date Collected: 09/12/24 13:45

Matrix: Water

Date Received: 09/12/24 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			627062	JVB4	EET CLE	09/16/24 08:32
Total/NA	Analysis	Draft-3 1633		1	627188	MRL	EET CLE	09/17/24 02:57

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: LaBella Associates DPC
Job ID: 480-223347-1
Project/Site: (ESCP) Elk St Job# 2231211

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-24 *
West Virginia DEP	State	210	12-31-24

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-223347-1

Method	Method Description	Protocol	Laboratory
Draft-3 1633	Per- and Polyfluoroalkyl Substances by LC/MS/MS	EPA	EET CLE
200.7 Rev 4.4	Metals (ICP)	EPA	EET BUF
1633	Solid-Phase Extraction (SPE)	EPA	EET CLE
200.7	Preparation, Total Metals	EPA	EET BUF
FILTRATION	Sample Filtration	None	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

None = None

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-223347-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-223347-1	OU2-1	Water	09/12/24 08:55	09/12/24 14:10
480-223347-2	OU2-2	Water	09/12/24 09:20	09/12/24 14:10
480-223347-3	OU2-3	Water	09/12/24 09:30	09/12/24 14:10
480-223347-4	OU2-4	Water	09/12/24 09:55	09/12/24 14:10
480-223347-5	DUP	Water	09/12/24 00:00	09/12/24 14:10
480-223347-6	Equipment Blank	Water	09/12/24 13:50	09/12/24 14:10
480-223347-7	DI Blank	Water	09/12/24 13:45	09/12/24 14:10

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Andrew Janik	Site Contact: Andrew Janik	Date:	COC No:
LaBella	Tel:716-345-6709	Lab Contact:	Carrier:	1 of 1 COCs
300 Pearl Street, Suite 130	**Analysis Turnaround Time**			Sampler: ~~Chris Finn~~ Carly Repka
Buffalo NY 14202	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
716-551-6281	TAT if different from Below _____			Walk-in Client:
	☑ 2 weeks			Lab Sampling:
Project Name: ESCP	☐ 1 week			
Site: ESCP	☐ 2 days			Job / SDG No.:
P O # 2231211	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	200.7-(MOD)Dissolved Pb(LF)	200.7-(MOD)total Pb	PFC_IDA-PFAS-Standard(21)_537.1	Sample Specific Notes:
OU2-1	9/12/24	8:55	G	W	2			1	1	x	MS + MSD
OU2-2	9/12/24	9:20	G	W	2			1	1	x	
OU2-3	9/12/24	9:30	G	W	2			1	1	x	
OU2-4	9/12/24	9:55	G	W	2			1	1	x	
DUP	9/12/24			W	2					x	
Equipment Blank	9/12/24	8:50		W	2					x	
DI Blank	9/12/24	8:45		W	2					x	
OU2-1 MS	9/12/24	8:55		W	2					x	
OU2-1 MSD	9/12/24	8:55		W	2					x	

480-223347 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: **Email report to ajanik@labellapc.com**

20.7, 22.3 #1 no ice

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____		
Relinquished by: Carly Repka	Company: LaBella	Date/Time: 9/12/24 13:45	Received by: MS	Company:	Date/Time: 9-12-24 1410
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

9/27/2025 (Rev. 1)

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fischer Brian J	Carrier Tracking No(s):	COC No: 480-89398.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Brian Fischer@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): NELAP New York		Job #: 480-223347 1
Address: 180 S. Van Buren Avenue,	Due Date Requested: 9/25/2024			Preservation Codes:
City: Barberton	TAT Requested (days):			
State, Zip: OH, 44203				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #:			
Email:	WO #:			
Project Name: (ESCP) Elk St Job# 2231211	Project #: 48021585			
Site:	SSOW#:			Other

Sample Identification Client ID (Lab ID)	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)	1633/1633_SPE: 1633 Standard List of 40	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
OU2-1 (480-223347 1)	9/12/24	08:55 Eastern	G	Water			X	2	
OU2-1 (480-223347 1MS)	9/12/24	08:55 Eastern	G	Water			X	2	
OU2-1 (480-223347 1MSD)	9/12/24	08:55 Eastern	G	Water			X	2	
OU2-2 (480-223347-2)	9/12/24	09:20 Eastern	G	Water			X	2	
OU2-3 (480-223347-3)	9/12/24	09:30 Eastern	G	Water			X	2	
OU2-3 (480-223347-4)	9/12/24	09:55 Eastern	G	Water			X	2	
DUP (480-223347-5)	9/12/24	Eastern	G	Water			X	2	
Equipment Blank (480-223347-6)	9/12/24	13:50 Eastern	G	Water			X	2	
DI Blank (480-223347 7)	9/12/24	13:45 Eastern	G	Water			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	9/13/24 1600	[illegible]	[signature]	9/14/24 930	Eurofins
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: ☐ Yes ☐ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative — **Login # :** _____
Barberton Facility

Client Interlab Site Name _____ Cooler unpacked by: TF

Cooler Received on 9/14/24 Opened on 9/14/24

FedEx: 1st Grd (Exp) UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours. Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EUK0 Foam Box Client Cooler Box Other _____

Packing material used. Bubble Wrap Foam (Plastic Bag) None Other _____

COOLANT (Wet Ice) Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 22 (CF -0.1 °C) Observed Cooler Temp 2.6 °C Corrected Cooler Temp 2.5 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	(Yes) No	
-Were the seals on the outside of the cooler(s) signed & dated?	(Yes) No	NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	
-Were tamper/custody seals intact and uncompromised?	Yes No	(NA)
3 Shippers' packing slip attached to the cooler(s)?	(Yes) No	
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6 Was/were the person(s) who collected the samples clearly identified on the COC?	Yes (No)	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/(N), # of containers (Y/N), and sample type of grab/comp(Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	(Yes) No	
If yes, Questions 13-17 have been checked at the originating laboratory.		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No	NA pH Strip Lot# HC442471
14 Were VOAs on the COC?	Yes No	
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes No	NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot# _____	Yes No	
17 Was a LL Hg or Me Hg trip blank present? _____	Yes No	

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired

Sample(s) _____ were received in a broken container

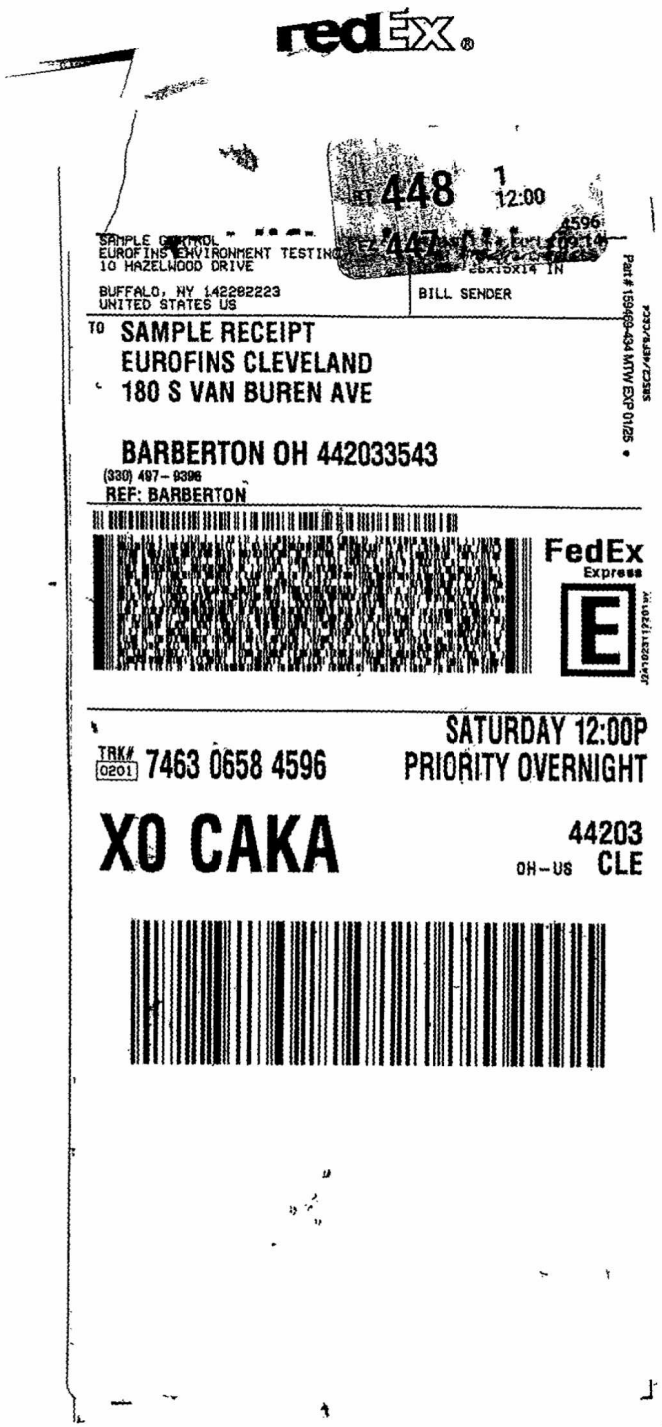
Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved. _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen. _____



FedEx

448 1
12:00

4596

SAMPLE CONTROL
EUROFINS ENVIRONMENT TESTING
10 HAZELWOOD DRIVE

BUFFALO, NY 142282223
UNITED STATES US

BILL SENDER

26x15x14 IN

Part# 159469434 MTW EXP 0125

TO SAMPLE RECEIPT
EUROFINS CLEVELAND
180 S VAN BUREN AVE

BARBERTON OH 442033543
(330) 497-9396
REF: BARBERTON

FedEx
Express

TRK# 0201 7463 0658 4596

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO CAKA

44203
OH-US CLE

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-223347-1

Login Number: 223347
List Number: 1
Creator: Stapleton, Kaitlyn

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.	False	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	20.7, 22.3 #1 no ice
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	Labella
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-223347-1

Login Number: 223347
List Number: 2
Creator: Foltyn, Tristan

List Source: Eurofins Cleveland
List Creation: 09/14/24 10:32 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.		
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Residual Chlorine Checked.		

APPENDIX 7

CAMP Monitoring Logs and Daily Sheets

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	5/1/2024
LaBella JOB NO.:	#2211232	**Day of Week:**	S M T W T F S
CLIENT:	Elk Street Commerce Park	**I.R. No.:**	----------
CONTRACTOR:	Inovateus	**Sheet No.**	1 of 1
	Chris Finn- LaBella		
PHOTOS TAKEN:	No	**Weather:**	
		Sun **AM**	Sun **PM**
		Temperature:	
		50s **AM**	60s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED

0800 Inovateus on-site placing wooden forms (approximately 3'x3') for concrete ballasts along the perimeter of the Site.

0930 One concrete truck arrives on-site.

0940 Pouring of concrete in pre-placed forms commenced.

1000 Fence posts being placed in concrete following behind the concrete truck.

1030 Concrete truck leaves the site, fence posts are still being placed.

1330 Second truck with concrete arrives on-site and begins filling wooden forms. Fence posts are being placed. Chain link fencing is starting to be installed.

1430 Second truck leaves site, placing of fence posts and hanging of chain link fence continues.

1600 Clean-up of work is beginning.

1700 Inovateus off-site

LaBella
Powered by partnership

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 05/01/2024 06:30

Description of Work: Oversight and CAMP Monitoring **Site Supervisor:** Chris Finn

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☐ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☐ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

_____

Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

_____

Site Specific Health & Safety Topics Discussed:_____

_____

_____

Name	Company	Sign	Date
Chris Finn	Labella	Chris Finn	5/1/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	5/2/2024
LaBella JOB NO.:	#2211232	**Day of Week:**	S M T W T F S
CLIENT:	Elk Street Commerce Park	**I.R. No.:**	----------
CONTRACTOR:	Inovateus	**Sheet No.**	1 **of** 1
	Chris Finn- LaBella		
PHOTOS TAKEN:	No	**Weather:**	
		Sun **AM**	Sun **PM**
		Temperature:	
		60s **AM**	70s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED

0800 Inovateus continues hanging fencing.

0930 One concrete truck arrives on-site.

0940 Pouring of concrete begins in pre-placed forms.

1000 Inovateus workers continue placing fence posts following behind the concrete truck.

1030 Concrete truck leaves the site, fence posts are still being placed.

1500 Second truck arrives on-site and begins filling wooden forms. Fence posts are being placed and fencing being installed.

1600 Second truck leaves site, placing of fence posts and hanging of fence continues.

1615 Clean-up of work is beginning.

1700 Inovateus off-site

LaBella
Powered by partnership

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 05/02/2024 06:30

Description of Work: Oversight and CAMP Monitoring **Site Supervisor:** Chris Finn

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☐ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☐ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

_____

Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

_____

Site Specific Health & Safety Topics Discussed:_____

_____

_____

Name	Company	Sign	Date
Chris Finn	Labella	Chris Finn	5/2/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	5/3/2024
LaBella JOB NO.:	#2211232	**Day of Week:**	S M T W T F S
CLIENT:	Elk Street Commerce Park	**I.R. No.:**	----------
CONTRACTOR:	Inovateus	**Sheet No.**	1 of 1
	Chris Finn- LaBella		
PHOTOS TAKEN:	No	**Weather:**	
		Sun **AM**	Sun **PM**
		Temperature:	
		60s **AM**	70s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED

0800 Forms are being removed, fencing continues to be hung.

1000 Hanging of chain-link fence continues.

1300 Fence work still on-going along the southern border of the solar field.

1400 Clean up of work is beginning.

1500 Inovateus off-site

LaBella
Powered by partnership

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 05/03/2024 06:30

Description of Work: Oversight and CAMP Monitoring **Site Supervisor:** Chris Finn

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☐ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☐ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

_____

Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

_____

Site Specific Health & Safety Topics Discussed:_____

_____

_____

Name	Company	Sign	Date
Chris Finn	Labella	Chris Finn	5/3/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	5/6/2024
LaBella JOB NO.:	#2211232	**Day of Week:**	S **M** T W T F S
CLIENT:	Elk Street Commerce Park	**I.R. No.:**	----------
CONTRACTOR:	Inovateus, Milestone	**Sheet No.**	1 **of** 1
	Chris Finn- LaBella		
PHOTOS TAKEN:	No	**Weather:**	
		Sun **AM**	Sun **PM**
		Temperature:	
		60s **AM**	70s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED

0800 Inovateus and milestone on-site

0830 Inovateus continues to install fencing along the perimeter of the solar field. Milestone using a skid steer to move stone piles and finishing work on the concrete pad installed two weeks ago.

1045 Milestone off-site stonework finished. Fence work is still on-going.

1300 Fence work continues concrete being poured along the northern side of the solar field into preplaced forms.

1430 Concrete truck leaves the site.

1500 Cleanup of work area begins.

1630 Inovateus off-site

LaBella
Powered by partnership

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 05/06/2024 06:30

Description of Work: Oversight and CAMP Monitoring **Site Supervisor:** Chris Finn

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☐ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☐ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

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Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

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Site Specific Health & Safety Topics Discussed:_____

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Name	Company	Sign	Date
Chris Finn	Labella	Chris Finn	5/6/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	5/7/2024
LaBella JOB NO.:	#2211232	**Day of Week:**	S M T W T F S
CLIENT:	Elk Street Commerce Park	**I.R. No.:**	----------
CONTRACTOR:	Inovateus, Milestone	**Sheet No.**	1 **of** 1
	Chris Finn- LaBella		
PHOTOS TAKEN:	No	**Weather:**	
		Sun **AM**	Sun **PM**
		Temperature:	
		60s **AM**	70s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED

0800 Inovateus continues to work on installing the fence along the site perimeter.

1000 Fence installation continues.

1300 Fence installation beginning along the northern border. Access gate was installed along the southern border of the solar field.

1500 Cleanup of work areas

1600 Inovateus off-site

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 05/07/2024 06:30

Description of Work: Oversight and CAMP Monitoring **Site Supervisor:** Chris Finn

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☐ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☐ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

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Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

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Site Specific Health & Safety Topics Discussed:_____

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Name	Company	Sign	Date
Chris Finn	Labella	Chris Finn	5/7/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	5/8/2024
LaBella JOB NO.:	#2211232	**Day of Week:**	S M T **W** T F S
CLIENT:	Elk Street Commerce Park	**I.R. No.:**	----------
CONTRACTOR:	Inovateus, Milestone	**Sheet No.**	1 **of** 1
	Chris Finn- LaBella		
PHOTOS TAKEN:	No	**Weather:**	
		Sun **AM**	Sun **PM**
		Temperature:	
		60s **AM**	70s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED

0800 Inovateus continues to work on installing the fence along the site perimeter.

1000 Fence installation continues.

1300 Fence installation beginning along the northern border.

1500 Cleanup of work areas

1600 Inovateus off-site

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 05/08/2024 06:30

Description of Work: Oversight and CAMP Monitoring **Site Supervisor:** Chris Finn

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☐ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☐ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

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Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

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Site Specific Health & Safety Topics Discussed:_____

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Name	Company	Sign	Date
Chris Finn	Labella	Chris Finn	5/8/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	5/9/2024
LaBella JOB NO.:	#2211232	**Day of Week:**	**S M T W T F S**
CLIENT:	Elk Street Commerce Park	**I.R. No.:**	----------
CONTRACTOR:	Inovateus, Milestone	**Sheet No.**	1 **of** 1
	Chris Finn- LaBella		
PHOTOS TAKEN:	No	**Weather:**	
		Sun **AM**	Sun **PM**
		Temperature:	
		60s **AM**	70s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED

0800 Inovateus continues to work on installing the fence along the site perimeter.

1000 Fence installation continues.

1300 Fence installation beginning along the northern border. Access gate installed on the western side of the site. Broken fence gates were removed as part of the installation.

1500 Cleanup of work areas

1600 Inovateus off-site

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 05/09/2024 06:30

Description of Work: Oversight and CAMP Monitoring **Site Supervisor:** Chris Finn

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☐ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☐ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

_____

Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

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Site Specific Health & Safety Topics Discussed:_____

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Name	Company	Sign	Date
Chris Finn	Labella	Chris Finn	5/9/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar Telephone Pole Installation	**DATE:**	6/17/2024
LaBella JOB NO.:	#2241401	**Day of Week:**	S **M** T W T F S
CLIENT:	Elk Street Commerce Park	**I.R. No.:**	----------
CONTRACTOR:	Schuler Haas	**Sheet No.**	1 **of** 1
	Chris Finn, Brent Miller, Andy Janik - LaBella		
PHOTOS TAKEN:	YES	**Weather:**	
		Sun **AM**	Overcast **PM**
		Temperature:	
		80s **AM**	90s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED

0800 LaBella on-site

0815 CAMP meters being put together, skid-steer and excavator being unloading.

1200 Schuler Haas on-site

1330 Auger work began. Schuler-Haas operating auger with oversight from LaBella. Auger depth to approximately 6 ft. Spoils being stockpiled on poly-sheeting.

1345 First utility pole installed and backfilled with stone.

1445 Second and third utility poles installed and backfilled with stone.

1500 Fourth and fifth utility poles installed. Subsurface work is finished for the day.

1515 LaBella covering spoil piles with poly-sheeting.

1600 CAMP meters taken down, Schuler Haas off-site, all spoil piles covered with poly sheeting.

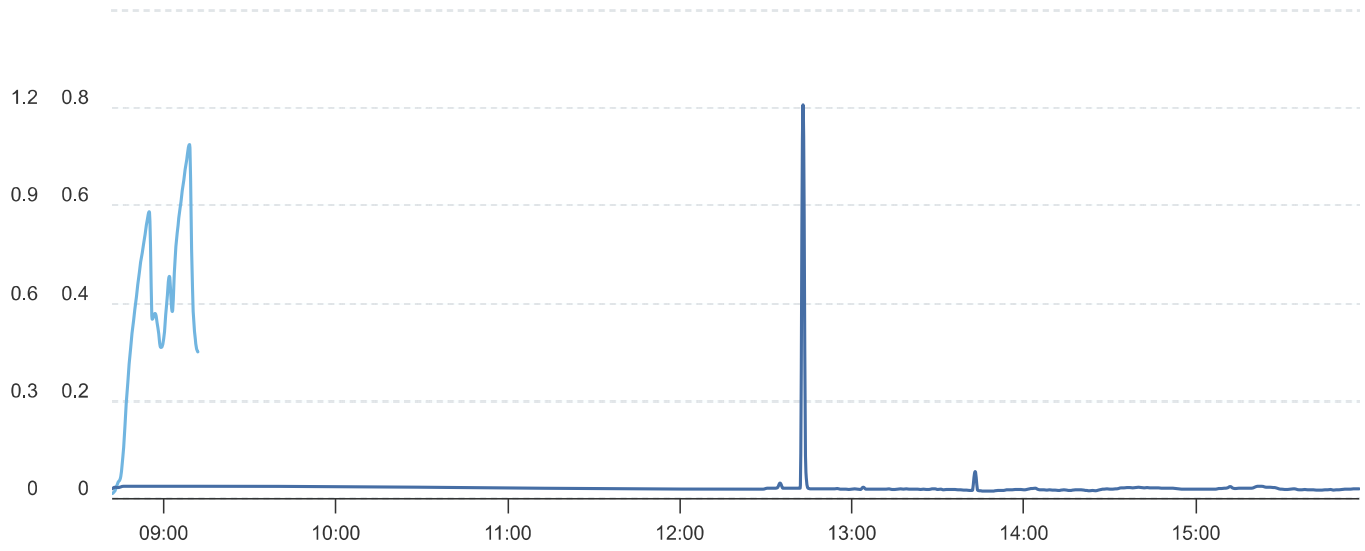
1630 LaBella off-site

Labella Buffalo #1

2B504770

06/17/2024 12:00 AM - 06/17/2024 04:03 PM

(GMT-05:00) Eastern Time (US & Canada)



Upwind CAMP Data

Timestamp	Mass Conc. Total, mg/m³	VOC, ppm
6/17/2024, 8:42 AM	0.028	0.009
6/17/2024, 8:43 AM	0.033	0.015
6/17/2024, 8:44 AM	0.032	0.031
6/17/2024, 8:45 AM	0.034	0.044
6/17/2024, 8:46 AM	0.036	0.104
6/17/2024, 8:47 AM	0.036	0.194
6/17/2024, 8:48 AM	0.036	0.274
6/17/2024, 8:49 AM	0.036	0.337
6/17/2024, 8:50 AM	0.036	0.387
6/17/2024, 8:51 AM	0.036	0.437
6/17/2024, 8:52 AM	0.036	0.483
6/17/2024, 8:53 AM	0.036	0.519
6/17/2024, 8:54 AM	0.036	0.559
6/17/2024, 8:55 AM	0.036	0.586
6/17/2024, 8:56 AM	0.036	0.366
6/17/2024, 8:57 AM	0.036	0.378
6/17/2024, 8:58 AM	0.036	0.348
6/17/2024, 8:59 AM	0.036	0.308
6/17/2024, 9:00 AM	0.036	0.326
6/17/2024, 9:01 AM	0.036	0.395
6/17/2024, 9:02 AM	0.036	0.454
6/17/2024, 9:03 AM	0.036	0.382
6/17/2024, 9:04 AM	0.036	0.492
6/17/2024, 9:05 AM	0.036	0.558
6/17/2024, 9:06 AM	0.036	0.606
6/17/2024, 9:07 AM	0.036	0.651
6/17/2024, 9:08 AM	0.036	0.692
6/17/2024, 9:09 AM	0.036	0.724
6/17/2024, 9:10 AM	0.036	0.432
6/17/2024, 9:11 AM	0.036	0.325
6/17/2024, 9:12 AM	0.036	0.299
6/17/2024, 12:29 PM	0.027	
6/17/2024, 12:30 PM	0.029	
6/17/2024, 12:31 PM	0.03	
6/17/2024, 12:32 PM	0.03	
6/17/2024, 12:33 PM	0.03	
6/17/2024, 12:34 PM	0.031	
6/17/2024, 12:35 PM	0.046	
6/17/2024, 12:36 PM	0.03	
6/17/2024, 12:37 PM	0.03	
6/17/2024, 12:38 PM	0.03	
6/17/2024, 12:39 PM	0.03	
6/17/2024, 12:40 PM	0.03	
6/17/2024, 12:41 PM	0.03	
6/17/2024, 12:42 PM	0.03	
6/17/2024, 12:43 PM	1.207	

Upwind CAMP Data

Timestamp	Mass Conc. Total, mg/m³	VOC, ppm
6/17/2024, 12:44 PM	0.079	
6/17/2024, 12:45 PM	0.029	
6/17/2024, 12:46 PM	0.028	
6/17/2024, 12:47 PM	0.028	
6/17/2024, 12:48 PM	0.028	
6/17/2024, 12:49 PM	0.028	
6/17/2024, 12:50 PM	0.028	
6/17/2024, 12:51 PM	0.028	
6/17/2024, 12:52 PM	0.028	
6/17/2024, 12:53 PM	0.028	
6/17/2024, 12:54 PM	0.028	
6/17/2024, 12:55 PM	0.029	
6/17/2024, 12:56 PM	0.027	
6/17/2024, 12:57 PM	0.027	
6/17/2024, 12:58 PM	0.027	
6/17/2024, 12:59 PM	0.026	
6/17/2024, 1:00 PM	0.027	
6/17/2024, 1:01 PM	0.028	
6/17/2024, 1:02 PM	0.027	
6/17/2024, 1:03 PM	0.026	
6/17/2024, 1:04 PM	0.033	
6/17/2024, 1:05 PM	0.027	
6/17/2024, 1:06 PM	0.027	
6/17/2024, 1:07 PM	0.027	
6/17/2024, 1:08 PM	0.027	
6/17/2024, 1:09 PM	0.027	
6/17/2024, 1:10 PM	0.027	
6/17/2024, 1:11 PM	0.027	
6/17/2024, 1:12 PM	0.027	
6/17/2024, 1:13 PM	0.028	
6/17/2024, 1:14 PM	0.026	
6/17/2024, 1:15 PM	0.026	
6/17/2024, 1:16 PM	0.027	
6/17/2024, 1:17 PM	0.028	
6/17/2024, 1:18 PM	0.027	
6/17/2024, 1:19 PM	0.028	
6/17/2024, 1:20 PM	0.027	
6/17/2024, 1:21 PM	0.027	
6/17/2024, 1:22 PM	0.027	
6/17/2024, 1:23 PM	0.027	
6/17/2024, 1:24 PM	0.026	
6/17/2024, 1:25 PM	0.027	
6/17/2024, 1:26 PM	0.026	
6/17/2024, 1:27 PM	0.026	
6/17/2024, 1:28 PM	0.028	
6/17/2024, 1:29 PM	0.028	

Upwind CAMP Data

Timestamp	Mass Conc. Total, mg/m³	VOC, ppm
6/17/2024, 1:30 PM	0.026	
6/17/2024, 1:31 PM	0.027	
6/17/2024, 1:32 PM	0.025	
6/17/2024, 1:33 PM	0.026	
6/17/2024, 1:34 PM	0.026	
6/17/2024, 1:35 PM	0.026	
6/17/2024, 1:36 PM	0.026	
6/17/2024, 1:37 PM	0.025	
6/17/2024, 1:38 PM	0.025	
6/17/2024, 1:39 PM	0.024	
6/17/2024, 1:40 PM	0.024	
6/17/2024, 1:41 PM	0.023	
6/17/2024, 1:42 PM	0.023	
6/17/2024, 1:43 PM	0.081	
6/17/2024, 1:44 PM	0.023	
6/17/2024, 1:45 PM	0.022	
6/17/2024, 1:46 PM	0.021	
6/17/2024, 1:47 PM	0.021	
6/17/2024, 1:48 PM	0.021	
6/17/2024, 1:49 PM	0.021	
6/17/2024, 1:50 PM	0.022	
6/17/2024, 1:51 PM	0.023	
6/17/2024, 1:52 PM	0.023	
6/17/2024, 1:53 PM	0.023	
6/17/2024, 1:54 PM	0.025	
6/17/2024, 1:55 PM	0.025	
6/17/2024, 1:56 PM	0.025	
6/17/2024, 1:57 PM	0.026	
6/17/2024, 1:58 PM	0.026	
6/17/2024, 1:59 PM	0.026	
6/17/2024, 2:00 PM	0.025	
6/17/2024, 2:01 PM	0.026	
6/17/2024, 2:02 PM	0.028	
6/17/2024, 2:03 PM	0.029	
6/17/2024, 2:04 PM	0.03	
6/17/2024, 2:05 PM	0.026	
6/17/2024, 2:06 PM	0.025	
6/17/2024, 2:07 PM	0.025	
6/17/2024, 2:08 PM	0.024	
6/17/2024, 2:09 PM	0.025	
6/17/2024, 2:10 PM	0.024	
6/17/2024, 2:11 PM	0.024	
6/17/2024, 2:12 PM	0.023	
6/17/2024, 2:13 PM	0.024	
6/17/2024, 2:14 PM	0.025	
6/17/2024, 2:15 PM	0.024	

Upwind CAMP Data

Timestamp	Mass Conc. Total, mg/m³	VOC, ppm
6/17/2024, 2:16 PM	0.023	
6/17/2024, 2:17 PM	0.024	
6/17/2024, 2:18 PM	0.025	
6/17/2024, 2:19 PM	0.025	
6/17/2024, 2:20 PM	0.025	
6/17/2024, 2:21 PM	0.024	
6/17/2024, 2:22 PM	0.023	
6/17/2024, 2:23 PM	0.022	
6/17/2024, 2:24 PM	0.023	
6/17/2024, 2:25 PM	0.022	
6/17/2024, 2:26 PM	0.024	
6/17/2024, 2:27 PM	0.026	
6/17/2024, 2:28 PM	0.027	
6/17/2024, 2:29 PM	0.028	
6/17/2024, 2:30 PM	0.027	
6/17/2024, 2:31 PM	0.027	
6/17/2024, 2:32 PM	0.028	
6/17/2024, 2:33 PM	0.029	
6/17/2024, 2:34 PM	0.031	
6/17/2024, 2:35 PM	0.031	
6/17/2024, 2:36 PM	0.032	
6/17/2024, 2:37 PM	0.032	
6/17/2024, 2:38 PM	0.031	
6/17/2024, 2:39 PM	0.032	
6/17/2024, 2:40 PM	0.033	
6/17/2024, 2:41 PM	0.032	
6/17/2024, 2:42 PM	0.031	
6/17/2024, 2:43 PM	0.032	
6/17/2024, 2:44 PM	0.031	
6/17/2024, 2:45 PM	0.031	
6/17/2024, 2:46 PM	0.031	
6/17/2024, 2:47 PM	0.031	
6/17/2024, 2:48 PM	0.03	
6/17/2024, 2:49 PM	0.03	
6/17/2024, 2:50 PM	0.03	
6/17/2024, 2:51 PM	0.03	
6/17/2024, 2:52 PM	0.03	
6/17/2024, 2:53 PM	0.029	
6/17/2024, 2:54 PM	0.028	
6/17/2024, 2:55 PM	0.027	
6/17/2024, 2:56 PM	0.027	
6/17/2024, 2:57 PM	0.027	
6/17/2024, 2:58 PM	0.027	
6/17/2024, 2:59 PM	0.027	
6/17/2024, 3:00 PM	0.027	
6/17/2024, 3:01 PM	0.027	

Upwind CAMP Data

Timestamp	Mass Conc. Total, mg/m³	VOC, ppm
6/17/2024, 3:02 PM	0.027	
6/17/2024, 3:03 PM	0.027	
6/17/2024, 3:04 PM	0.027	
6/17/2024, 3:05 PM	0.027	
6/17/2024, 3:06 PM	0.027	
6/17/2024, 3:07 PM	0.027	
6/17/2024, 3:08 PM	0.029	
6/17/2024, 3:09 PM	0.029	
6/17/2024, 3:10 PM	0.03	
6/17/2024, 3:11 PM	0.031	
6/17/2024, 3:12 PM	0.035	
6/17/2024, 3:13 PM	0.03	
6/17/2024, 3:14 PM	0.029	
6/17/2024, 3:15 PM	0.03	
6/17/2024, 3:16 PM	0.03	
6/17/2024, 3:17 PM	0.03	
6/17/2024, 3:18 PM	0.03	
6/17/2024, 3:19 PM	0.03	
6/17/2024, 3:20 PM	0.031	
6/17/2024, 3:21 PM	0.035	
6/17/2024, 3:22 PM	0.036	
6/17/2024, 3:23 PM	0.036	
6/17/2024, 3:24 PM	0.034	
6/17/2024, 3:25 PM	0.033	
6/17/2024, 3:26 PM	0.033	
6/17/2024, 3:27 PM	0.032	
6/17/2024, 3:28 PM	0.031	
6/17/2024, 3:29 PM	0.028	
6/17/2024, 3:30 PM	0.027	
6/17/2024, 3:31 PM	0.026	
6/17/2024, 3:32 PM	0.026	
6/17/2024, 3:33 PM	0.027	
6/17/2024, 3:34 PM	0.028	
6/17/2024, 3:35 PM	0.027	
6/17/2024, 3:36 PM	0.025	
6/17/2024, 3:37 PM	0.025	
6/17/2024, 3:38 PM	0.026	
6/17/2024, 3:39 PM	0.025	
6/17/2024, 3:40 PM	0.025	
6/17/2024, 3:41 PM	0.025	
6/17/2024, 3:42 PM	0.024	
6/17/2024, 3:43 PM	0.024	
6/17/2024, 3:44 PM	0.024	
6/17/2024, 3:45 PM	0.025	
6/17/2024, 3:46 PM	0.025	
6/17/2024, 3:47 PM	0.026	

Upwind CAMP Data

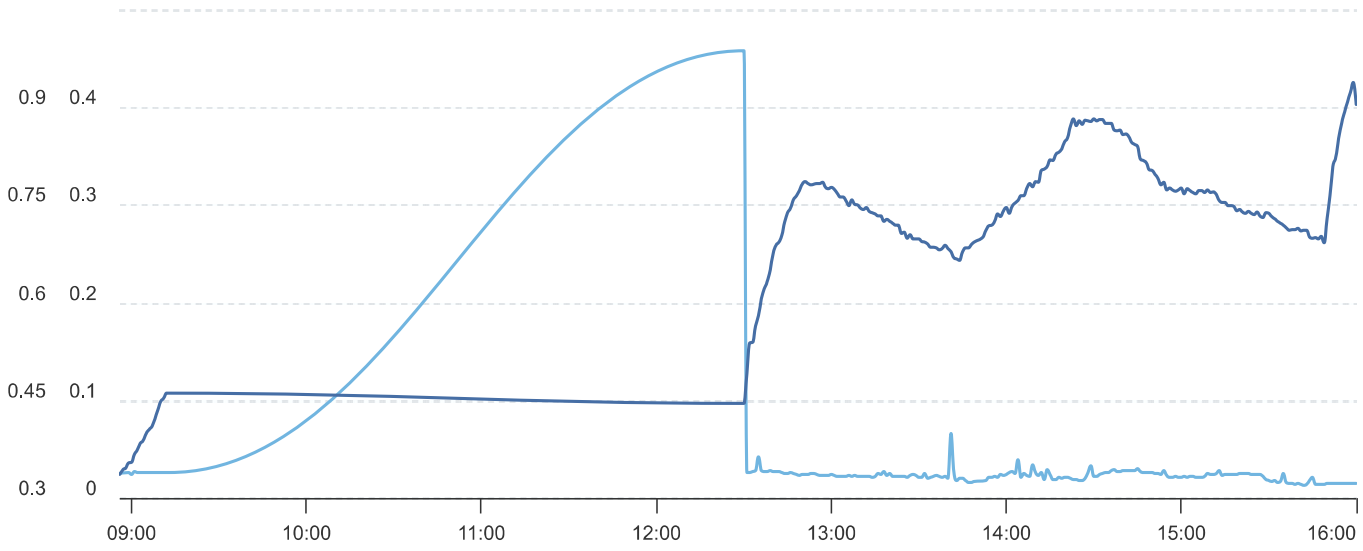
Timestamp	Mass Conc. Total, mg/m³	VOC, ppm
6/17/2024, 3:48 PM	0.024	
6/17/2024, 3:49 PM	0.025	
6/17/2024, 3:50 PM	0.025	
6/17/2024, 3:51 PM	0.026	
6/17/2024, 3:52 PM	0.027	
6/17/2024, 3:53 PM	0.027	
6/17/2024, 3:54 PM	0.027	
6/17/2024, 3:55 PM	0.028	
6/17/2024, 3:56 PM	0.028	
6/17/2024, 3:57 PM	0.028	

Labella Buffalo #2

2B553545

06/17/2024 04:05 AM - 06/17/2024 04:05 PM

(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total, mg/m³

MIN 0.013 AVG 0.025 MAX 0.458

VOC, ppm

MIN 0.336 AVG 0.720 MAX 0.938

Downwind CAMP Data

Timestamp	Mass Conc. Total, mg/m³	VOC, ppm
6/17/2024, 8:56 AM	0.025	0.336
6/17/2024, 8:59 AM	0.026	0.354
6/17/2024, 9:00 AM	0.024	0.355
6/17/2024, 9:01 AM	0.027	0.367
6/17/2024, 9:02 AM	0.026	0.374
6/17/2024, 9:03 AM	0.026	0.384
6/17/2024, 9:04 AM	0.026	0.388
6/17/2024, 9:05 AM	0.026	0.399
6/17/2024, 9:06 AM	0.026	0.405
6/17/2024, 9:07 AM	0.026	0.41
6/17/2024, 9:08 AM	0.026	0.421
6/17/2024, 9:09 AM	0.026	0.435
6/17/2024, 9:10 AM	0.026	0.448
6/17/2024, 9:11 AM	0.026	0.453
6/17/2024, 9:12 AM	0.026	0.461
6/17/2024, 9:13 AM	0.026	
6/17/2024, 12:30 PM	0.458	0.445
6/17/2024, 12:31 PM	0.026	0.491
6/17/2024, 12:32 PM	0.026	0.538
6/17/2024, 12:33 PM	0.027	0.539
6/17/2024, 12:34 PM	0.028	0.564
6/17/2024, 12:35 PM	0.042	0.58
6/17/2024, 12:36 PM	0.028	0.606
6/17/2024, 12:37 PM	0.027	0.621
6/17/2024, 12:38 PM	0.027	0.632
6/17/2024, 12:39 PM	0.028	0.65
6/17/2024, 12:40 PM	0.027	0.675
6/17/2024, 12:41 PM	0.027	0.688
6/17/2024, 12:42 PM	0.027	0.693
6/17/2024, 12:43 PM	0.026	0.703
6/17/2024, 12:44 PM	0.025	0.724
6/17/2024, 12:45 PM	0.025	0.738
6/17/2024, 12:46 PM	0.026	0.745
6/17/2024, 12:47 PM	0.025	0.758
6/17/2024, 12:48 PM	0.024	0.764
6/17/2024, 12:49 PM	0.023	0.772
6/17/2024, 12:50 PM	0.024	0.782
6/17/2024, 12:51 PM	0.024	0.786
6/17/2024, 12:52 PM	0.024	0.783
6/17/2024, 12:53 PM	0.025	0.781
6/17/2024, 12:54 PM	0.025	0.782
6/17/2024, 12:55 PM	0.024	0.783
6/17/2024, 12:56 PM	0.023	0.783
6/17/2024, 12:57 PM	0.023	0.785
6/17/2024, 12:58 PM	0.023	0.777
6/17/2024, 12:59 PM	0.023	0.775

Downwind CAMP Data

Timestamp	Mass Conc. Total, mg/m³	VOC, ppm
6/17/2024, 1:00 PM	0.024	0.777
6/17/2024, 1:01 PM	0.023	0.774
6/17/2024, 1:02 PM	0.022	0.768
6/17/2024, 1:03 PM	0.022	0.762
6/17/2024, 1:04 PM	0.022	0.762
6/17/2024, 1:05 PM	0.022	0.757
6/17/2024, 1:06 PM	0.023	0.749
6/17/2024, 1:07 PM	0.022	0.758
6/17/2024, 1:08 PM	0.023	0.751
6/17/2024, 1:09 PM	0.022	0.75
6/17/2024, 1:10 PM	0.022	0.745
6/17/2024, 1:11 PM	0.022	0.743
6/17/2024, 1:12 PM	0.022	0.746
6/17/2024, 1:13 PM	0.022	0.74
6/17/2024, 1:14 PM	0.021	0.738
6/17/2024, 1:15 PM	0.022	0.736
6/17/2024, 1:16 PM	0.025	0.733
6/17/2024, 1:17 PM	0.024	0.733
6/17/2024, 1:18 PM	0.027	0.725
6/17/2024, 1:19 PM	0.023	0.728
6/17/2024, 1:20 PM	0.025	0.725
6/17/2024, 1:21 PM	0.022	0.722
6/17/2024, 1:22 PM	0.022	0.719
6/17/2024, 1:23 PM	0.022	0.719
6/17/2024, 1:24 PM	0.022	0.706
6/17/2024, 1:25 PM	0.022	0.708
6/17/2024, 1:26 PM	0.021	0.699
6/17/2024, 1:27 PM	0.023	0.704
6/17/2024, 1:28 PM	0.024	0.698
6/17/2024, 1:29 PM	0.023	0.698
6/17/2024, 1:30 PM	0.021	0.698
6/17/2024, 1:31 PM	0.021	0.694
6/17/2024, 1:32 PM	0.025	0.693
6/17/2024, 1:33 PM	0.02	0.69
6/17/2024, 1:34 PM	0.021	0.685
6/17/2024, 1:35 PM	0.022	0.685
6/17/2024, 1:36 PM	0.023	0.684
6/17/2024, 1:37 PM	0.022	0.681
6/17/2024, 1:38 PM	0.021	0.683
6/17/2024, 1:39 PM	0.022	0.688
6/17/2024, 1:40 PM	0.02	0.683
6/17/2024, 1:41 PM	0.066	0.678
6/17/2024, 1:42 PM	0.026	0.669
6/17/2024, 1:43 PM	0.018	0.667
6/17/2024, 1:44 PM	0.02	0.665
6/17/2024, 1:45 PM	0.02	0.678

Downwind CAMP Data

Timestamp	Mass Conc. Total, mg/m³	VOC, ppm
6/17/2024, 1:46 PM	0.018	0.684
6/17/2024, 1:47 PM	0.016	0.684
6/17/2024, 1:48 PM	0.016	0.689
6/17/2024, 1:49 PM	0.017	0.693
6/17/2024, 1:53 PM	0.018	0.711
6/17/2024, 1:54 PM	0.021	0.718
6/17/2024, 1:55 PM	0.021	0.719
6/17/2024, 1:56 PM	0.022	0.725
6/17/2024, 1:57 PM	0.021	0.736
6/17/2024, 1:58 PM	0.024	0.732
6/17/2024, 1:59 PM	0.023	0.741
6/17/2024, 2:00 PM	0.024	0.746
6/17/2024, 2:01 PM	0.026	0.737
6/17/2024, 2:02 PM	0.027	0.748
6/17/2024, 2:03 PM	0.025	0.753
6/17/2024, 2:04 PM	0.039	0.757
6/17/2024, 2:05 PM	0.021	0.764
6/17/2024, 2:06 PM	0.025	0.764
6/17/2024, 2:07 PM	0.023	0.775
6/17/2024, 2:08 PM	0.022	0.783
6/17/2024, 2:09 PM	0.034	0.778
6/17/2024, 2:10 PM	0.026	0.786
6/17/2024, 2:11 PM	0.023	0.785
6/17/2024, 2:12 PM	0.026	0.803
6/17/2024, 2:13 PM	0.019	0.805
6/17/2024, 2:14 PM	0.029	0.809
6/17/2024, 2:15 PM	0.024	0.819
6/17/2024, 2:16 PM	0.019	0.818
6/17/2024, 2:17 PM	0.019	0.828
6/17/2024, 2:18 PM	0.021	0.831
6/17/2024, 2:19 PM	0.02	0.836
6/17/2024, 2:20 PM	0.021	0.847
6/17/2024, 2:21 PM	0.021	0.853
6/17/2024, 2:22 PM	0.02	0.871
6/17/2024, 2:23 PM	0.019	0.882
6/17/2024, 2:24 PM	0.019	0.872
6/17/2024, 2:25 PM	0.018	0.879
6/17/2024, 2:26 PM	0.018	0.874
6/17/2024, 2:27 PM	0.02	0.88
6/17/2024, 2:28 PM	0.026	0.879
6/17/2024, 2:29 PM	0.033	0.878
6/17/2024, 2:30 PM	0.022	0.882
6/17/2024, 2:31 PM	0.022	0.879
6/17/2024, 2:32 PM	0.024	0.881
6/17/2024, 2:33 PM	0.025	0.881
6/17/2024, 2:34 PM	0.026	0.875

Downwind CAMP Data

Timestamp	Mass Conc. Total, mg/m³	VOC, ppm
6/17/2024, 2:35 PM	0.026	0.875
6/17/2024, 2:36 PM	0.028	0.875
6/17/2024, 2:37 PM	0.029	0.865
6/17/2024, 2:38 PM	0.027	0.864
6/17/2024, 2:39 PM	0.027	0.865
6/17/2024, 2:40 PM	0.028	0.858
6/17/2024, 2:41 PM	0.028	0.859
6/17/2024, 2:42 PM	0.028	0.855
6/17/2024, 2:43 PM	0.028	0.846
6/17/2024, 2:44 PM	0.028	0.843
6/17/2024, 2:45 PM	0.03	0.84
6/17/2024, 2:46 PM	0.027	0.82
6/17/2024, 2:47 PM	0.026	0.818
6/17/2024, 2:48 PM	0.026	0.815
6/17/2024, 2:49 PM	0.026	0.804
6/17/2024, 2:50 PM	0.026	0.803
6/17/2024, 2:51 PM	0.025	0.797
6/17/2024, 2:52 PM	0.025	0.791
6/17/2024, 2:53 PM	0.024	0.781
6/17/2024, 2:54 PM	0.028	0.785
6/17/2024, 2:55 PM	0.023	0.773
6/17/2024, 2:56 PM	0.021	0.776
6/17/2024, 2:57 PM	0.021	0.773
6/17/2024, 2:58 PM	0.022	0.771
6/17/2024, 2:59 PM	0.021	0.773
6/17/2024, 3:00 PM	0.021	0.776
6/17/2024, 3:01 PM	0.022	0.767
6/17/2024, 3:02 PM	0.021	0.775
6/17/2024, 3:03 PM	0.022	0.772
6/17/2024, 3:04 PM	0.022	0.769
6/17/2024, 3:05 PM	0.021	0.767
6/17/2024, 3:06 PM	0.021	0.772
6/17/2024, 3:07 PM	0.021	0.772
6/17/2024, 3:08 PM	0.022	0.769
6/17/2024, 3:09 PM	0.025	0.773
6/17/2024, 3:10 PM	0.024	0.769
6/17/2024, 3:11 PM	0.024	0.77
6/17/2024, 3:12 PM	0.025	0.766
6/17/2024, 3:13 PM	0.028	0.757
6/17/2024, 3:14 PM	0.023	0.754
6/17/2024, 3:15 PM	0.024	0.754
6/17/2024, 3:16 PM	0.024	0.749
6/17/2024, 3:17 PM	0.024	0.749
6/17/2024, 3:18 PM	0.024	0.748
6/17/2024, 3:19 PM	0.024	0.741
6/17/2024, 3:20 PM	0.025	0.743

Downwind CAMP Data

Timestamp	Mass Conc. Total, mg/m³	VOC, ppm
6/17/2024, 3:21 PM	0.025	0.739
6/17/2024, 3:22 PM	0.025	0.737
6/17/2024, 3:23 PM	0.025	0.74
6/17/2024, 3:24 PM	0.024	0.737
6/17/2024, 3:25 PM	0.024	0.735
6/17/2024, 3:26 PM	0.024	0.739
6/17/2024, 3:27 PM	0.024	0.733
6/17/2024, 3:28 PM	0.022	0.731
6/17/2024, 3:29 PM	0.019	0.738
6/17/2024, 3:30 PM	0.018	0.737
6/17/2024, 3:31 PM	0.017	0.732
6/17/2024, 3:32 PM	0.018	0.729
6/17/2024, 3:33 PM	0.016	0.725
6/17/2024, 3:34 PM	0.017	0.722
6/17/2024, 3:35 PM	0.025	0.719
6/17/2024, 3:36 PM	0.016	0.715
6/17/2024, 3:37 PM	0.015	0.711
6/17/2024, 3:38 PM	0.015	0.712
6/17/2024, 3:39 PM	0.014	0.712
6/17/2024, 3:40 PM	0.015	0.714
6/17/2024, 3:41 PM	0.014	0.71
6/17/2024, 3:42 PM	0.013	0.711
6/17/2024, 3:43 PM	0.014	0.711
6/17/2024, 3:44 PM	0.018	0.701
6/17/2024, 3:45 PM	0.021	0.699
6/17/2024, 3:46 PM	0.014	0.7
6/17/2024, 3:47 PM	0.014	0.698
6/17/2024, 3:48 PM	0.014	0.702
6/17/2024, 3:49 PM	0.014	0.692
6/17/2024, 3:50 PM	0.015	0.729
6/17/2024, 3:51 PM	0.015	0.764
6/17/2024, 3:52 PM	0.015	0.809
6/17/2024, 3:53 PM	0.015	0.823
6/17/2024, 3:54 PM	0.015	0.852
6/17/2024, 3:55 PM	0.015	0.876
6/17/2024, 3:56 PM	0.015	0.893
6/17/2024, 3:57 PM	0.015	0.908
6/17/2024, 3:58 PM	0.015	0.923
6/17/2024, 3:59 PM	0.015	0.938
6/17/2024, 4:00 PM	0.015	0.904
6/17/2024, 8:57 AM		0.344
6/17/2024, 8:58 AM		0.346
6/17/2024, 1:52 PM		0.701

LaBella
Powered by partnership

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 06/17/2024 06:30

Description of Work: Oversight and CAMP Monitoring. Utility pole excavtion.
Site Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

_____

Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

_____

Site Specific Health & Safety Topics Discussed:_____

_____

_____

Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	6/17/2024
Andrew Janik	Labella	Andrew Janik	6/17/2024
Chris Finn	Labella	Chris Finn	6/17/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar Telephone Pole Installation	**DATE:**	6/18/2024
LaBella JOB NO.:	#2241401	**Day of Week:**	S M T W T F S
CLIENT:	Elk Street Commerce Park	**I.R. No.:**	----------
CONTRACTOR:	Schuler Haas	**Sheet No.**	1 **of** 1
	Chris Finn, Andy Janik, Ben Napieralski - LaBella		
	Brent Miller - LaBella		
PHOTOS TAKEN:	YES	**Weather:**	
		T-Storms **AM**	Sun **PM**
		Temperature:	
		80s **AM**	90s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED

0800 LaBella on-site

0810 No work started due to thunderstorms.

0945 Thunderstorms passed CAMP meters started. Schular Haas began work installing new transformers and power lines.

1000 Issue with upwind CAMP meter (LaBella 1) new meter ordered no data collected for upwind.

1030 LaBella began laying out trench along the eastern property boundary for underground conduit. Trench to be approximately 8-inches deep or to demarcation layer whichever is encountered first and approximately 24” wide.

1045 Trench excavation began.

12:00 Trench work continues approximately half of the trench has been completed.

1400 Trench work is completed.

1430 Clean-up along trench edges to allow bucket trucks to pass through is being completed by LaBella.

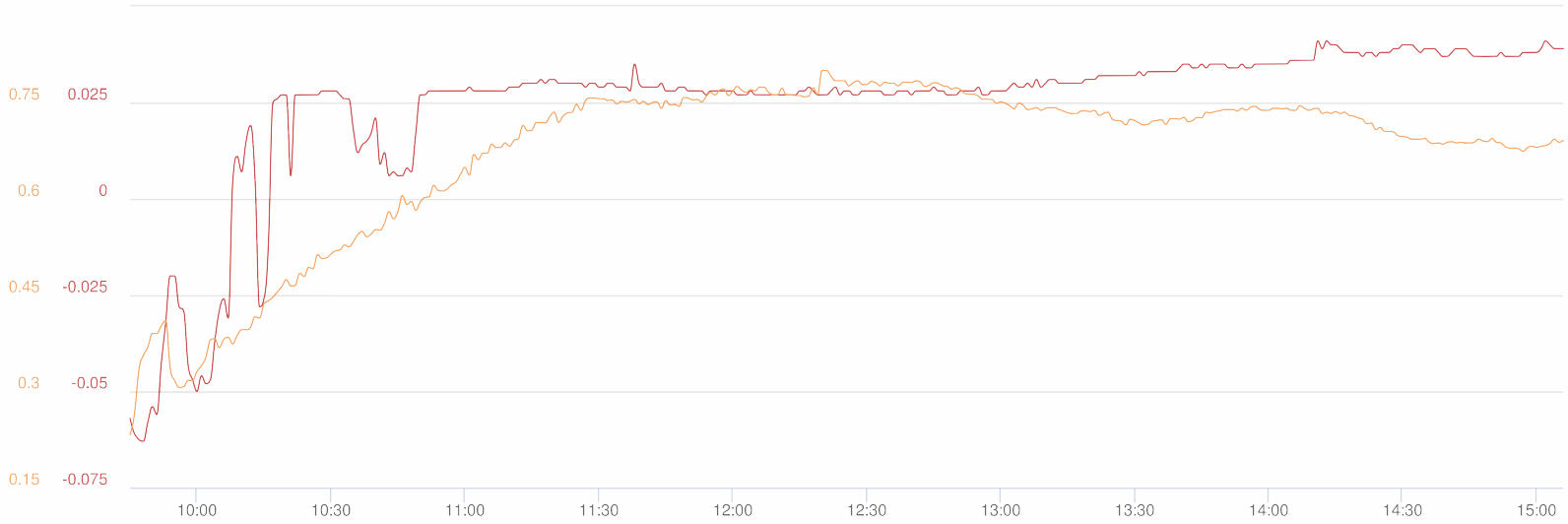
1500 Subsurface work completed for the day. CAMP meters taken down.

1515 LaBella ordering materials needed for concrete forms.

1530 CAMP meters taken down.

1600 LaBella off-site.

Tue, 18th of Jun 2024, 0:00:00 – 15:07:08
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
-0.063	0.024	0.041

VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0.232	0.672	0.8

Name	Labella Buffalo #2
S/N	2B553545
Description	FA06182
Location	590 Elk St, Buffalo, NY 14210, USA

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Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/18/2024 9:43	0.232	-0.057
6/18/2024 9:44	0.264	-0.061
6/18/2024 9:47	0.334	
6/18/2024 9:48	0.356	-0.063
6/18/2024 9:49	0.369	-0.058
6/18/2024 9:50	0.39	-0.054
6/18/2024 9:51	0.39	-0.056
6/18/2024 9:52	0.402	-0.043
6/18/2024 9:53	0.41	-0.032
6/18/2024 9:54	0.336	-0.02
6/18/2024 9:55	0.317	-0.02
6/18/2024 9:56	0.306	-0.028
6/18/2024 9:57	0.307	-0.029
6/18/2024 9:58	0.317	-0.043
6/18/2024 9:59	0.317	-0.047
6/18/2024 10:00	0.331	-0.05
6/18/2024 10:01	0.34	-0.046
6/18/2024 10:02	0.353	-0.048
6/18/2024 10:03	0.38	-0.047
6/18/2024 10:04	0.382	-0.037
6/18/2024 10:05	0.368	-0.029
6/18/2024 10:06	0.381	-0.026
6/18/2024 10:07	0.384	-0.031
6/18/2024 10:08	0.374	0.004
6/18/2024 10:09	0.387	0.011
6/18/2024 10:10	0.396	0.007
6/18/2024 10:11	0.396	0.015
6/18/2024 10:12	0.4	0.019
6/18/2024 10:13	0.416	0.005
6/18/2024 10:14	0.414	-0.028
6/18/2024 10:15	0.436	-0.026
6/18/2024 10:16	0.441	-0.012
6/18/2024 10:17	0.447	0.025
6/18/2024 10:18	0.455	0.026
6/18/2024 10:19	0.463	0.027
6/18/2024 10:20	0.474	0.027
6/18/2024 10:21	0.464	0.006
6/18/2024 10:22	0.465	0.027
6/18/2024 10:23	0.484	0.027
6/18/2024 10:24	0.479	0.027
6/18/2024 10:25	0.493	0.027

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/18/2024 10:26	0.491	0.027
6/18/2024 10:27	0.513	0.027
6/18/2024 10:28	0.507	0.028
6/18/2024 10:29	0.508	0.028
6/18/2024 10:30	0.514	0.028
6/18/2024 10:31	0.519	0.028
6/18/2024 10:32	0.52	0.027
6/18/2024 10:33	0.528	0.026
6/18/2024 10:34	0.525	0.026
6/18/2024 10:35	0.533	0.018
6/18/2024 10:36	0.544	0.012
6/18/2024 10:37	0.549	0.014
6/18/2024 10:38	0.541	0.015
6/18/2024 10:39	0.545	0.017
6/18/2024 10:40	0.552	0.021
6/18/2024 10:41	0.551	0.009
6/18/2024 10:42	0.562	0.012
6/18/2024 10:43	0.58	0.006
6/18/2024 10:44	0.569	0.007
6/18/2024 10:45	0.58	0.006
6/18/2024 10:46	0.605	0.006
6/18/2024 10:47	0.591	0.008
6/18/2024 10:48	0.596	0.007
6/18/2024 10:49	0.582	0.017
6/18/2024 10:50	0.595	0.027
6/18/2024 10:51	0.602	0.027
6/18/2024 10:52	0.603	0.028
6/18/2024 10:53	0.621	0.028
6/18/2024 10:54	0.613	0.028
6/18/2024 10:55	0.612	0.028
6/18/2024 10:56	0.615	0.028
6/18/2024 10:57	0.622	0.028
6/18/2024 10:58	0.626	0.028
6/18/2024 10:59	0.638	0.028
6/18/2024 11:00	0.649	0.028
6/18/2024 11:01	0.637	0.029
6/18/2024 11:02	0.669	0.028
6/18/2024 11:03	0.661	0.028
6/18/2024 11:04	0.671	0.028
6/18/2024 11:05	0.671	0.028
6/18/2024 11:06	0.685	0.028

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/18/2024 11:07	0.68	0.028
6/18/2024 11:08	0.68	0.028
6/18/2024 11:09	0.687	0.028
6/18/2024 11:10	0.682	0.029
6/18/2024 11:11	0.691	0.029
6/18/2024 11:12	0.694	0.029
6/18/2024 11:13	0.714	0.03
6/18/2024 11:14	0.706	0.03
6/18/2024 11:15	0.707	0.03
6/18/2024 11:16	0.719	0.03
6/18/2024 11:17	0.719	0.031
6/18/2024 11:18	0.718	0.03
6/18/2024 11:19	0.728	0.031
6/18/2024 11:20	0.735	0.031
6/18/2024 11:21	0.719	0.03
6/18/2024 11:22	0.729	0.03
6/18/2024 11:23	0.734	0.03
6/18/2024 11:24	0.735	0.03
6/18/2024 11:25	0.747	0.03
6/18/2024 11:26	0.738	0.03
6/18/2024 11:27	0.753	0.029
6/18/2024 11:28	0.757	0.03
6/18/2024 11:29	0.757	0.03
6/18/2024 11:30	0.756	0.029
6/18/2024 11:31	0.756	0.029
6/18/2024 11:32	0.753	0.03
6/18/2024 11:33	0.754	0.03
6/18/2024 11:34	0.748	0.029
6/18/2024 11:35	0.752	0.029
6/18/2024 11:36	0.751	0.029
6/18/2024 11:37	0.752	0.028
6/18/2024 11:38	0.755	0.035
6/18/2024 11:39	0.748	0.03
6/18/2024 11:40	0.752	0.029
6/18/2024 11:41	0.747	0.029
6/18/2024 11:42	0.75	0.029
6/18/2024 11:43	0.751	0.029
6/18/2024 11:44	0.741	0.03
6/18/2024 11:45	0.753	0.028
6/18/2024 11:46	0.746	0.028
6/18/2024 11:47	0.747	0.028

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/18/2024 11:48	0.744	0.029
6/18/2024 11:49	0.758	0.029
6/18/2024 11:50	0.757	0.028
6/18/2024 11:51	0.754	0.028
6/18/2024 11:52	0.755	0.028
6/18/2024 11:53	0.751	0.028
6/18/2024 11:54	0.759	0.027
6/18/2024 11:55	0.766	0.028
6/18/2024 11:56	0.762	0.028
6/18/2024 11:57	0.769	0.028
6/18/2024 11:58	0.771	0.028
6/18/2024 11:59	0.761	0.028
6/18/2024 12:00	0.768	0.028
6/18/2024 12:01	0.775	0.027
6/18/2024 12:02	0.769	0.027
6/18/2024 12:03	0.766	0.027
6/18/2024 12:04	0.77	0.028
6/18/2024 12:05	0.768	0.027
6/18/2024 12:06	0.774	0.027
6/18/2024 12:07	0.774	0.027
6/18/2024 12:08	0.766	0.027
6/18/2024 12:09	0.762	0.027
6/18/2024 12:10	0.762	0.027
6/18/2024 12:11	0.772	0.027
6/18/2024 12:12	0.762	0.027
6/18/2024 12:13	0.762	0.027
6/18/2024 12:14	0.761	0.027
6/18/2024 12:15	0.761	0.028
6/18/2024 12:16	0.759	0.028
6/18/2024 12:17	0.76	0.029
6/18/2024 12:18	0.773	0.028
6/18/2024 12:19	0.763	0.027
6/18/2024 12:20	0.8	0.027
6/18/2024 12:21	0.8	0.027
6/18/2024 12:22	0.791	0.028
6/18/2024 12:23	0.784	0.029
6/18/2024 12:24	0.784	0.027
6/18/2024 12:25	0.784	0.028
6/18/2024 12:26	0.776	0.028
6/18/2024 12:27	0.781	0.027
6/18/2024 12:28	0.784	0.027

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/18/2024 12:29	0.778	0.028
6/18/2024 12:30	0.778	0.028
6/18/2024 12:31	0.783	0.028
6/18/2024 12:32	0.781	0.028
6/18/2024 12:33	0.776	0.028
6/18/2024 12:34	0.782	0.027
6/18/2024 12:35	0.78	0.027
6/18/2024 12:36	0.78	0.027
6/18/2024 12:37	0.776	0.028
6/18/2024 12:38	0.781	0.028
6/18/2024 12:39	0.782	0.028
6/18/2024 12:40	0.781	0.027
6/18/2024 12:41	0.784	0.028
6/18/2024 12:42	0.782	0.028
6/18/2024 12:43	0.775	0.028
6/18/2024 12:44	0.777	0.028
6/18/2024 12:45	0.781	0.029
6/18/2024 12:46	0.78	0.028
6/18/2024 12:47	0.776	0.028
6/18/2024 12:48	0.775	0.027
6/18/2024 12:49	0.771	0.027
6/18/2024 12:50	0.773	0.027
6/18/2024 12:51	0.77	0.028
6/18/2024 12:52	0.764	0.028
6/18/2024 12:53	0.763	0.028
6/18/2024 12:54	0.763	0.028
6/18/2024 12:55	0.76	0.029
6/18/2024 12:56	0.755	0.027
6/18/2024 12:57	0.755	0.027
6/18/2024 12:58	0.755	0.028
6/18/2024 12:59	0.749	0.028
6/18/2024 13:00	0.751	0.028
6/18/2024 13:01	0.749	0.028
6/18/2024 13:02	0.745	0.029
6/18/2024 13:03	0.74	0.03
6/18/2024 13:04	0.749	0.029
6/18/2024 13:05	0.746	0.029
6/18/2024 13:06	0.739	0.03
6/18/2024 13:07	0.74	0.029
6/18/2024 13:08	0.742	0.031
6/18/2024 13:09	0.738	0.029

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/18/2024 13:10	0.741	0.03
6/18/2024 13:11	0.742	0.031
6/18/2024 13:12	0.742	0.031
6/18/2024 13:13	0.739	0.03
6/18/2024 13:14	0.737	0.03
6/18/2024 13:15	0.734	0.03
6/18/2024 13:16	0.733	0.03
6/18/2024 13:17	0.733	0.03
6/18/2024 13:18	0.737	0.03
6/18/2024 13:19	0.737	0.031
6/18/2024 13:20	0.736	0.031
6/18/2024 13:21	0.738	0.031
6/18/2024 13:22	0.73	0.032
6/18/2024 13:23	0.733	0.032
6/18/2024 13:24	0.735	0.032
6/18/2024 13:25	0.724	0.032
6/18/2024 13:26	0.722	0.032
6/18/2024 13:27	0.721	0.032
6/18/2024 13:28	0.715	0.032
6/18/2024 13:29	0.724	0.032
6/18/2024 13:30	0.722	0.032
6/18/2024 13:31	0.718	0.033
6/18/2024 13:32	0.715	0.032
6/18/2024 13:33	0.716	0.033
6/18/2024 13:34	0.721	0.033
6/18/2024 13:35	0.722	0.033
6/18/2024 13:36	0.723	0.033
6/18/2024 13:37	0.716	0.033
6/18/2024 13:38	0.725	0.033
6/18/2024 13:39	0.725	0.033
6/18/2024 13:40	0.724	0.034
6/18/2024 13:41	0.727	0.035
6/18/2024 13:42	0.72	0.035
6/18/2024 13:43	0.722	0.034
6/18/2024 13:44	0.727	0.034
6/18/2024 13:45	0.726	0.035
6/18/2024 13:46	0.735	0.034
6/18/2024 13:47	0.734	0.035
6/18/2024 13:48	0.736	0.035
6/18/2024 13:49	0.737	0.035
6/18/2024 13:50	0.739	0.035

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/18/2024 13:51	0.739	0.034
6/18/2024 13:52	0.739	0.034
6/18/2024 13:53	0.737	0.034
6/18/2024 13:54	0.741	0.035
6/18/2024 13:55	0.738	0.034
6/18/2024 13:56	0.743	0.034
6/18/2024 13:57	0.744	0.035
6/18/2024 13:58	0.739	0.035
6/18/2024 13:59	0.738	0.035
6/18/2024 14:00	0.738	0.035
6/18/2024 14:01	0.741	0.035
6/18/2024 14:02	0.741	0.035
6/18/2024 14:03	0.74	0.035
6/18/2024 14:04	0.741	0.035
6/18/2024 14:05	0.738	0.036
6/18/2024 14:06	0.738	0.036
6/18/2024 14:07	0.745	0.036
6/18/2024 14:08	0.741	0.036
6/18/2024 14:09	0.738	0.036
6/18/2024 14:10	0.74	0.036
6/18/2024 14:11	0.741	0.041
6/18/2024 14:12	0.733	0.039
6/18/2024 14:13	0.735	0.041
6/18/2024 14:14	0.733	0.04
6/18/2024 14:15	0.736	0.04
6/18/2024 14:16	0.733	0.039
6/18/2024 14:17	0.735	0.038
6/18/2024 14:18	0.73	0.038
6/18/2024 14:19	0.729	0.038
6/18/2024 14:20	0.726	0.038
6/18/2024 14:21	0.724	0.037
6/18/2024 14:22	0.717	0.038
6/18/2024 14:23	0.718	0.038
6/18/2024 14:24	0.708	0.037
6/18/2024 14:25	0.711	0.038
6/18/2024 14:26	0.705	0.038
6/18/2024 14:27	0.705	0.038
6/18/2024 14:28	0.704	0.039
6/18/2024 14:29	0.698	0.039
6/18/2024 14:30	0.697	0.04
6/18/2024 14:31	0.696	0.04

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/18/2024 14:32	0.693	0.04
6/18/2024 14:33	0.693	0.039
6/18/2024 14:34	0.693	0.038
6/18/2024 14:35	0.694	0.039
6/18/2024 14:36	0.688	0.039
6/18/2024 14:37	0.686	0.039
6/18/2024 14:38	0.687	0.038
6/18/2024 14:39	0.685	0.037
6/18/2024 14:40	0.688	0.037
6/18/2024 14:41	0.689	0.038
6/18/2024 14:42	0.687	0.039
6/18/2024 14:43	0.688	0.039
6/18/2024 14:44	0.687	0.039
6/18/2024 14:45	0.687	0.038
6/18/2024 14:46	0.688	0.037
6/18/2024 14:47	0.693	0.037
6/18/2024 14:48	0.69	0.037
6/18/2024 14:49	0.689	0.037
6/18/2024 14:50	0.694	0.037
6/18/2024 14:51	0.688	0.037
6/18/2024 14:52	0.687	0.038
6/18/2024 14:53	0.681	0.037
6/18/2024 14:54	0.679	0.037
6/18/2024 14:55	0.679	0.037
6/18/2024 14:56	0.678	0.037
6/18/2024 14:57	0.674	0.038
6/18/2024 14:58	0.68	0.038
6/18/2024 14:59	0.682	0.038
6/18/2024 15:00	0.68	0.038
6/18/2024 15:01	0.682	0.039
6/18/2024 15:02	0.683	0.041
6/18/2024 15:03	0.686	0.04
6/18/2024 15:04	0.693	0.039
6/18/2024 15:05	0.688	0.039
6/18/2024 15:06	0.691	0.039
6/18/2024 15:07	0.693	0.039

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 06/18/2024 06:30

Description of Work: Oversight and CAMP Monitoring. Utility pole excavtion.
Site Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

_____

Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

_____

Site Specific Health & Safety Topics Discussed:_____

_____

_____

Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	6/18/2024
Andrew Janik	Labella	Andrew Janik	6/18/2024
Chris Finn	Labella	Chris Finn	6/18/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar Telephone Pole Installation	**DATE:**	6/19/2024
LaBella JOB NO.:	#2241404	**Day of Week:**	S M T **W** T F S
CLIENT:	Elk Street Commerce Park	**I.R. No.:**	----------
CONTRACTOR:	Schuler Haas	**Sheet No.**	1 **of** 1
	Chris Finn, Brent Miller, Andy Janik - LaBella		
	Ben Napieralski - LaBella		
PHOTOS TAKEN:	YES	**Weather:**	
		Sun **AM**	Sun **PM**
		Temperature:	
		80s **AM**	90s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED

0800 LaBella on-site no subsurface work today, CAMP meters not setup.

0830 LaBella on-site with equipment and materials to construct concrete forms.

0900 Work began on cutting ½" OSB into various sizes for forms.

1000 Work began on constructing concrete form in trench.

1100 Work on concrete forms continues.

1200 Break for lunch.

1300 Concrete form work continues.

1500 Majority of concrete forms were constructed, the two end lengths will be finished in on Thursday. Clean-up of work area began.

1600 LaBella off-site

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 06/19/2024 06:30

Description of Work: Oversight and CAMP Monitoring. Utility pole excavtion.
Site Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

_____

Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

_____

Site Specific Health & Safety Topics Discussed:_____

_____

_____

Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	6/19/2024
Andrew Janik	Labella	Andrew Janik	6/19/2024
Chris Finn	Labella	Chris Finn	6/19/2024
Ben Napieralski	Labella	Ben Napieralski	6/19/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar Telephone Pole Installation	**DATE:**	6/20/2024
LaBella JOB NO.:	#2241401	**Day of Week:**	S M T W T F S
CLIENT:	Elk Street Commerce Park	**I.R. No.:**	----------
CONTRACTOR:	Schuler Haas	**Sheet No.**	1 of 1
	Chris Finn, Brent Miller, Andy Janik - LaBella		
	Ben Napieralski - LaBella		
PHOTOS TAKEN:	YES	**Weather:**	
		Sun **AM**	Sun **PM**
		Temperature:	
		80s **AM**	90s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED

0800 LaBella on-site no subsurface work today

0900 Hand clearing of gravel overlaying the geomembrane in OU-3 started. Gravel is being removed to allow concrete forms to fit in the area.

1000 Removal of gravel completed.

1030 Work on concrete forms constructed of OSB and 2x4s began.

1130 Concrete forms on south side of trench have been completed. Break for lunch.

1230 Work on the northern most portion of the concrete form began.

1300 All concrete forms completed. Backfilling along the edges of the forms has begun using a skid-steer.

1500 Back filling completed, and clean-up of work area has started.

1600 LaBella off-site.

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 06/20/2024 06:30

Description of Work: Oversight and CAMP Monitoring. Utility pole excavtion.
Site Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

_____

Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

_____

Site Specific Health & Safety Topics Discussed:_____

_____

_____

Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	6/20/2024
Andrew Janik	Labella	Andrew Janik	6/20/2024
Chris Finn	Labella	Chris Finn	6/20/2024
Ben Napieralski	Labella	Ben Napieralski	6/20/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar Telephone Pole Installation	**DATE:**	6/20/2024
LaBella JOB NO.:	#2241401	**Day of Week:**	S M T W T F S
CLIENT:	Elk Street Commerce Park	**I.R. No.:**	----------
CONTRACTOR:	Schuler Haas	**Sheet No.**	1 **of** 1
	Chris Finn, Brent Miller, Andy Janik - LaBella		
	Carly Repka - LaBella		
PHOTOS TAKEN:	YES	**Weather:**	
		Sun **AM**	Sun **PM**
		Temperature:	
		80s **AM**	90s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED

0800 LaBella on-site no subsurface work today

0900 Hand clearing of gravel overlaying the geomembrane in OU-3 started. Gravel is being removed to allow concrete forms to fit in the area.

1000 Removal of gravel completed.

1030 Concrete for the electrical ductbank onsite.

1130 Concrete truck off site. Break for lunch.

1230 Work on the finishing of the concrete.

1300 All concrete forms completed. Backfilling along the edges of the forms has begun using a skid-steer.

1500 Concrete completed, and clean-up of work area has started.

1600 LaBella off-site.

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 06/21/2024 06:30

Description of Work: Oversight and CAMP Monitoring. Utility pole excavtion.
Site Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

_____

Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

_____

Site Specific Health & Safety Topics Discussed:_____

_____

_____

Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	6/21/2024
Andrew Janik	Labella	Andrew Janik	6/21/2024
Chris Finn	Labella	Chris Finn	6/21/2024
Carly Repka	Labella	Carly Repka	6/21/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar Utility Pole Installation	**DATE:**	6/24/2024
LaBella JOB NO.:	#2241401	**Day of Week:**	S **M** T W T F S
CLIENT:	Elk Street Commerce Park	**I.R. No.:**	----------
CONTRACTOR:	Schuler Haas	**Sheet No.**	1 **of** 1
	Chris Finn, Brent Miller - LaBella		
PHOTOS TAKEN:	YES	**Weather:**	
		Sun **AM**	Sun **PM**
		Temperature:	
		80s **AM**	80s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED

0800 LaBella on-site

0900 CAMP meters started.

0915 Work began on digging an approximately 4'x4'x9' pit for future clean corridor utility pole installation.

1000 Excavation work on-going, spoils being in a stockpile on poly-sheeting.

1130 Break for lunch.

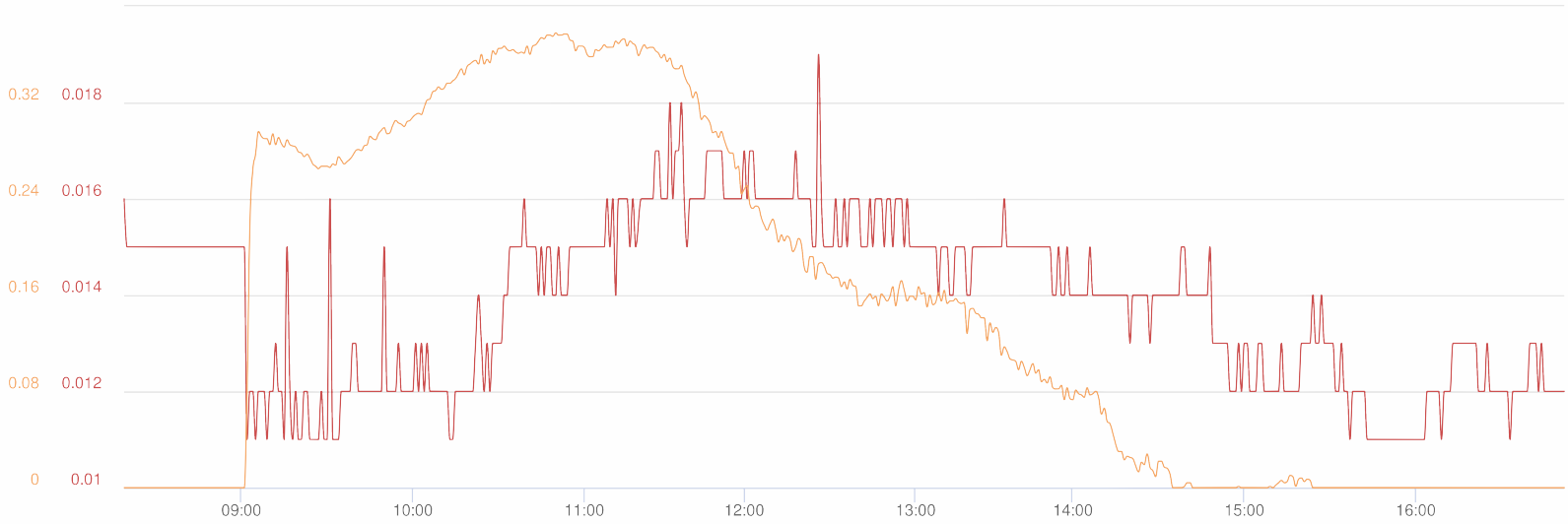
1245 Excavation work starting, excavation is approximately five feet deep.

1400 Excavation work still on-going approximately eight feet deep.

1530 Depth of nine feet reached. All soils stockpiled on poly-sheeting.

1730 LaBella off-site. Stockpile is covered with poly-sheeting, and excavation is covered with 2x4s and OSB sheeting.

Mon, 24th of Jun 2024, 0:00:00 – 16:58:49
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.011	0.014	0.019

VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.151	0.378

Name	Labella Buffalo #1
S/N	2B504770
Description	FA06180
Location	503 Elk St, Buffalo, NY 14210, USA

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Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 8:19	0	0.016
6/24/2024 8:20	0	0.015
6/24/2024 8:21	0	0.015
6/24/2024 8:22	0	0.015
6/24/2024 8:23	0	0.015
6/24/2024 8:24	0	0.015
6/24/2024 8:25	0	0.015
6/24/2024 8:26	0	0.015
6/24/2024 8:27	0	0.015
6/24/2024 8:28	0	0.015
6/24/2024 8:29	0	0.015
6/24/2024 8:30	0	0.015
6/24/2024 8:31	0	0.015
6/24/2024 8:32	0	0.015
6/24/2024 8:33	0	0.015
6/24/2024 8:34	0	0.015
6/24/2024 8:35	0	0.015
6/24/2024 8:36	0	0.015
6/24/2024 8:37	0	0.015
6/24/2024 8:38	0	0.015
6/24/2024 8:39	0	0.015
6/24/2024 8:40	0	0.015
6/24/2024 8:41	0	0.015
6/24/2024 8:42	0	0.015
6/24/2024 8:43	0	0.015
6/24/2024 8:44	0	0.015
6/24/2024 8:45	0	0.015
6/24/2024 8:46	0	0.015
6/24/2024 8:47	0	0.015
6/24/2024 8:48	0	0.015
6/24/2024 8:49	0	0.015
6/24/2024 8:50	0	0.015
6/24/2024 8:51	0	0.015
6/24/2024 8:52	0	0.015
6/24/2024 8:53	0	0.015
6/24/2024 8:54	0	0.015
6/24/2024 8:55	0	0.015
6/24/2024 8:56	0	0.015
6/24/2024 8:57	0	0.015
6/24/2024 8:58	0	0.015
6/24/2024 8:59	0	0.015

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 9:00	0	0.015
6/24/2024 9:01	0	0.015
6/24/2024 9:02	0.077	0.011
6/24/2024 9:03	0.216	0.012
6/24/2024 9:04	0.263	0.012
6/24/2024 9:05	0.277	0.011
6/24/2024 9:06	0.296	0.012
6/24/2024 9:07	0.292	0.012
6/24/2024 9:08	0.29	0.012
6/24/2024 9:09	0.29	0.011
6/24/2024 9:10	0.285	0.012
6/24/2024 9:11	0.294	0.012
6/24/2024 9:12	0.285	0.013
6/24/2024 9:13	0.291	0.012
6/24/2024 9:14	0.286	0.012
6/24/2024 9:15	0.283	0.011
6/24/2024 9:16	0.289	0.015
6/24/2024 9:17	0.285	0.012
6/24/2024 9:18	0.284	0.011
6/24/2024 9:19	0.283	0.012
6/24/2024 9:20	0.279	0.011
6/24/2024 9:21	0.278	0.011
6/24/2024 9:22	0.275	0.012
6/24/2024 9:23	0.277	0.012
6/24/2024 9:24	0.274	0.011
6/24/2024 9:25	0.269	0.011
6/24/2024 9:26	0.267	0.011
6/24/2024 9:27	0.265	0.011
6/24/2024 9:28	0.267	0.012
6/24/2024 9:29	0.267	0.011
6/24/2024 9:30	0.267	0.011
6/24/2024 9:31	0.266	0.016
6/24/2024 9:32	0.269	0.011
6/24/2024 9:33	0.268	0.011
6/24/2024 9:34	0.275	0.011
6/24/2024 9:35	0.272	0.012
6/24/2024 9:36	0.269	0.012
6/24/2024 9:37	0.271	0.012
6/24/2024 9:38	0.273	0.012
6/24/2024 9:39	0.276	0.013
6/24/2024 9:40	0.28	0.013

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 9:41	0.281	0.012
6/24/2024 9:42	0.28	0.012
6/24/2024 9:43	0.284	0.012
6/24/2024 9:44	0.285	0.012
6/24/2024 9:45	0.292	0.012
6/24/2024 9:46	0.29	0.012
6/24/2024 9:47	0.289	0.012
6/24/2024 9:48	0.294	0.012
6/24/2024 9:49	0.297	0.012
6/24/2024 9:50	0.299	0.015
6/24/2024 9:51	0.294	0.012
6/24/2024 9:52	0.295	0.012
6/24/2024 9:53	0.301	0.012
6/24/2024 9:54	0.305	0.012
6/24/2024 9:55	0.303	0.013
6/24/2024 9:56	0.302	0.012
6/24/2024 9:57	0.3	0.012
6/24/2024 9:58	0.304	0.012
6/24/2024 9:59	0.305	0.012
6/24/2024 10:00	0.308	0.012
6/24/2024 10:01	0.31	0.013
6/24/2024 10:02	0.311	0.012
6/24/2024 10:03	0.31	0.013
6/24/2024 10:04	0.316	0.012
6/24/2024 10:05	0.322	0.013
6/24/2024 10:06	0.323	0.012
6/24/2024 10:07	0.329	0.012
6/24/2024 10:08	0.33	0.012
6/24/2024 10:09	0.333	0.012
6/24/2024 10:10	0.331	0.012
6/24/2024 10:11	0.332	0.012
6/24/2024 10:12	0.336	0.012
6/24/2024 10:13	0.336	0.011
6/24/2024 10:14	0.338	0.011
6/24/2024 10:15	0.34	0.012
6/24/2024 10:16	0.344	0.012
6/24/2024 10:17	0.348	0.012
6/24/2024 10:18	0.343	0.012
6/24/2024 10:19	0.35	0.012
6/24/2024 10:20	0.352	0.012
6/24/2024 10:21	0.354	0.012

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 10:22	0.355	0.013
6/24/2024 10:23	0.352	0.014
6/24/2024 10:24	0.36	0.013
6/24/2024 10:25	0.352	0.012
6/24/2024 10:26	0.356	0.013
6/24/2024 10:27	0.353	0.012
6/24/2024 10:28	0.363	0.013
6/24/2024 10:29	0.36	0.013
6/24/2024 10:30	0.365	0.013
6/24/2024 10:31	0.365	0.013
6/24/2024 10:32	0.367	0.014
6/24/2024 10:33	0.364	0.014
6/24/2024 10:34	0.363	0.015
6/24/2024 10:35	0.364	0.015
6/24/2024 10:36	0.362	0.015
6/24/2024 10:37	0.361	0.015
6/24/2024 10:38	0.362	0.015
6/24/2024 10:39	0.361	0.016
6/24/2024 10:40	0.367	0.015
6/24/2024 10:41	0.36	0.015
6/24/2024 10:42	0.367	0.015
6/24/2024 10:43	0.368	0.015
6/24/2024 10:44	0.371	0.014
6/24/2024 10:45	0.374	0.015
6/24/2024 10:46	0.373	0.014
6/24/2024 10:47	0.376	0.015
6/24/2024 10:48	0.376	0.015
6/24/2024 10:49	0.375	0.014
6/24/2024 10:50	0.378	0.014
6/24/2024 10:51	0.376	0.015
6/24/2024 10:52	0.376	0.014
6/24/2024 10:53	0.377	0.014
6/24/2024 10:54	0.377	0.014
6/24/2024 10:55	0.372	0.015
6/24/2024 10:56	0.371	0.015
6/24/2024 10:57	0.363	0.015
6/24/2024 10:58	0.367	0.015
6/24/2024 10:59	0.367	0.015
6/24/2024 11:00	0.366	0.015
6/24/2024 11:01	0.36	0.015
6/24/2024 11:02	0.358	0.015

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 11:03	0.358	0.015
6/24/2024 11:04	0.364	0.015
6/24/2024 11:05	0.363	0.015
6/24/2024 11:06	0.365	0.015
6/24/2024 11:07	0.368	0.015
6/24/2024 11:08	0.366	0.016
6/24/2024 11:09	0.366	0.015
6/24/2024 11:10	0.366	0.016
6/24/2024 11:13	0.371	0.014
6/24/2024 11:14	0.369	0.016
6/24/2024 11:15	0.372	0.016
6/24/2024 11:16	0.373	0.016
6/24/2024 11:17	0.367	0.016
6/24/2024 11:18	0.371	0.015
6/24/2024 11:19	0.369	0.016
6/24/2024 11:20	0.367	0.015
6/24/2024 11:23	0.359	
6/24/2024 11:24	0.364	0.016
6/24/2024 11:25	0.368	0.016
6/24/2024 11:26	0.365	0.016
6/24/2024 11:27	0.366	0.016
6/24/2024 11:28	0.366	0.016
6/24/2024 11:29	0.363	0.017
6/24/2024 11:30	0.361	0.017
6/24/2024 11:31	0.357	0.016
6/24/2024 11:32	0.36	0.016
6/24/2024 11:33	0.354	0.016
6/24/2024 11:34	0.357	0.018
6/24/2024 11:35	0.35	0.016
6/24/2024 11:36	0.348	0.017
6/24/2024 11:37	0.348	0.017
6/24/2024 11:38	0.351	0.018
6/24/2024 11:39	0.343	0.016
6/24/2024 11:40	0.337	0.015
6/24/2024 11:41	0.333	0.016
6/24/2024 11:42	0.324	0.016
6/24/2024 11:43	0.329	0.016
6/24/2024 11:44	0.32	0.016
6/24/2024 11:45	0.306	0.016
6/24/2024 11:46	0.309	0.016
6/24/2024 11:47	0.307	0.017

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 11:48	0.303	0.017
6/24/2024 11:49	0.295	0.017
6/24/2024 11:50	0.296	0.017
6/24/2024 11:51	0.291	0.017
6/24/2024 11:52	0.296	0.017
6/24/2024 11:53	0.289	0.016
6/24/2024 11:54	0.282	0.016
6/24/2024 11:55	0.278	0.016
6/24/2024 11:56	0.278	0.016
6/24/2024 11:57	0.265	0.016
6/24/2024 11:58	0.267	0.016
6/24/2024 11:59	0.244	0.016
6/24/2024 12:00	0.248	0.017
6/24/2024 12:01	0.251	0.016
6/24/2024 12:02	0.235	0.017
6/24/2024 12:03	0.232	0.017
6/24/2024 12:04	0.234	0.016
6/24/2024 12:05	0.233	0.016
6/24/2024 12:06	0.224	0.016
6/24/2024 12:07	0.218	0.016
6/24/2024 12:08	0.214	0.016
6/24/2024 12:09	0.219	0.016
6/24/2024 12:10	0.223	0.016
6/24/2024 12:11	0.215	0.016
6/24/2024 12:12	0.204	0.016
6/24/2024 12:13	0.21	0.016
6/24/2024 12:14	0.205	0.016
6/24/2024 12:15	0.209	0.016
6/24/2024 12:16	0.206	0.016
6/24/2024 12:17	0.196	0.016
6/24/2024 12:18	0.2	0.017
6/24/2024 12:19	0.207	0.016
6/24/2024 12:20	0.202	0.016
6/24/2024 12:21	0.183	0.016
6/24/2024 12:22	0.179	0.016
6/24/2024 12:23	0.192	0.016
6/24/2024 12:24	0.192	0.015
6/24/2024 12:25	0.173	0.015
6/24/2024 12:26	0.186	0.019
6/24/2024 12:27	0.187	0.016
6/24/2024 12:28	0.184	0.015

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 12:29	0.178	0.015
6/24/2024 12:30	0.177	0.015
6/24/2024 12:31	0.174	0.015
6/24/2024 12:32	0.175	0.016
6/24/2024 12:33	0.174	0.015
6/24/2024 12:34	0.167	0.015
6/24/2024 12:35	0.171	0.016
6/24/2024 12:36	0.165	0.015
6/24/2024 12:37	0.173	0.016
6/24/2024 12:38	0.168	0.016
6/24/2024 12:39	0.167	0.016
6/24/2024 12:40	0.151	0.016
6/24/2024 12:41	0.151	0.015
6/24/2024 12:42	0.155	0.015
6/24/2024 12:43	0.158	0.015
6/24/2024 12:44	0.161	0.016
6/24/2024 12:45	0.157	0.015
6/24/2024 12:46	0.159	0.016
6/24/2024 12:47	0.151	0.016
6/24/2024 12:48	0.161	0.016
6/24/2024 12:49	0.158	0.015
6/24/2024 12:50	0.155	0.016
6/24/2024 12:51	0.159	0.016
6/24/2024 12:52	0.167	0.015
6/24/2024 12:53	0.151	0.016
6/24/2024 12:54	0.164	0.016
6/24/2024 12:55	0.172	0.016
6/24/2024 12:56	0.164	0.015
6/24/2024 12:57	0.155	0.016
6/24/2024 12:58	0.159	0.015
6/24/2024 12:59	0.159	0.015
6/24/2024 13:00	0.156	0.015
6/24/2024 13:01	0.167	0.015
6/24/2024 13:02	0.161	0.015
6/24/2024 13:03	0.162	0.015
6/24/2024 13:04	0.15	0.015
6/24/2024 13:05	0.16	0.015
6/24/2024 13:06	0.152	0.015
6/24/2024 13:07	0.154	0.015
6/24/2024 13:08	0.162	0.014
6/24/2024 13:09	0.155	0.015

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 13:10	0.164	0.015
6/24/2024 13:11	0.153	0.015
6/24/2024 13:12	0.155	0.014
6/24/2024 13:13	0.155	0.014
6/24/2024 13:14	0.157	0.015
6/24/2024 13:15	0.154	0.015
6/24/2024 13:16	0.153	0.015
6/24/2024 13:17	0.154	0.015
6/24/2024 13:18	0.128	0.014
6/24/2024 13:19	0.148	0.014
6/24/2024 13:20	0.149	0.015
6/24/2024 13:21	0.145	0.015
6/24/2024 13:22	0.144	0.015
6/24/2024 13:23	0.141	0.015
6/24/2024 13:24	0.141	0.015
6/24/2024 13:25	0.122	0.015
6/24/2024 13:26	0.137	0.015
6/24/2024 13:27	0.129	0.015
6/24/2024 13:28	0.133	0.015
6/24/2024 13:29	0.129	0.015
6/24/2024 13:30	0.11	0.015
6/24/2024 13:31	0.117	0.016
6/24/2024 13:32	0.113	0.015
6/24/2024 13:38	0.107	0.015
6/24/2024 13:39	0.106	0.015
6/24/2024 13:40	0.105	0.015
6/24/2024 13:41	0.098	0.015
6/24/2024 13:42	0.105	0.015
6/24/2024 13:43	0.1	0.015
6/24/2024 13:44	0.093	0.015
6/24/2024 13:45	0.098	0.015
6/24/2024 13:46	0.103	0.015
6/24/2024 13:47	0.095	0.015
6/24/2024 13:48	0.098	0.015
6/24/2024 13:49	0.088	0.015
6/24/2024 13:50	0.09	0.015
6/24/2024 13:51	0.087	0.015
6/24/2024 13:52	0.092	0.015
6/24/2024 13:53	0.083	0.014
6/24/2024 13:54	0.082	0.014
6/24/2024 13:55	0.082	0.015

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 13:56	0.085	0.014
6/24/2024 13:57	0.073	0.014
6/24/2024 13:58	0.083	0.015
6/24/2024 13:59	0.074	0.014
6/24/2024 14:00	0.073	0.014
6/24/2024 14:01	0.081	0.014
6/24/2024 14:02	0.078	0.014
6/24/2024 14:03	0.077	0.014
6/24/2024 14:04	0.075	0.014
6/24/2024 14:05	0.083	0.014
6/24/2024 14:06	0.077	0.015
6/24/2024 14:07	0.078	0.014
6/24/2024 14:08	0.08	0.014
6/24/2024 14:09	0.075	0.014
6/24/2024 14:10	0.061	0.014
6/24/2024 14:11	0.066	0.014
6/24/2024 14:12	0.055	0.014
6/24/2024 14:13	0.053	0.014
6/24/2024 14:14	0.045	0.014
6/24/2024 14:15	0.036	0.014
6/24/2024 14:16	0.03	0.014
6/24/2024 14:17	0.03	0.014
6/24/2024 14:18	0.023	0.014
6/24/2024 14:19	0.026	0.014
6/24/2024 14:20	0.025	0.013
6/24/2024 14:21	0.024	0.014
6/24/2024 14:22	0.018	0.014
6/24/2024 14:23	0.013	0.014
6/24/2024 14:24	0.021	0.014
6/24/2024 14:25	0.019	0.014
6/24/2024 14:26	0.028	0.014
6/24/2024 14:27	0.017	0.013
6/24/2024 14:28	0.014	0.014
6/24/2024 14:29	0.009	0.014
6/24/2024 14:30	0.022	0.014
6/24/2024 14:31	0.022	0.014
6/24/2024 14:32	0.017	0.014
6/24/2024 14:33	0.016	0.014
6/24/2024 14:34	0.011	0.014
6/24/2024 14:35	0	0.014
6/24/2024 14:36	0	0.014

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 14:37	0	0.014
6/24/2024 14:38	0	0.015
6/24/2024 14:39	0.001	0.015
6/24/2024 14:40	0.004	0.014
6/24/2024 14:41	0.004	0.014
6/24/2024 14:42	0	0.014
6/24/2024 14:43	0	0.014
6/24/2024 14:44	0	0.014
6/24/2024 14:45	0	0.014
6/24/2024 14:46	0	0.014
6/24/2024 14:47	0	0.014
6/24/2024 14:48	0	0.015
6/24/2024 14:49	0	0.013
6/24/2024 14:50	0	0.013
6/24/2024 14:51	0	0.013
6/24/2024 14:52	0	0.013
6/24/2024 14:53	0	0.013
6/24/2024 14:54	0	0.013
6/24/2024 14:55	0	0.012
6/24/2024 14:56	0	0.012
6/24/2024 14:57	0	0.012
6/24/2024 14:58	0.001	0.013
6/24/2024 14:59	0	0.012
6/24/2024 15:00	0	0.013
6/24/2024 15:01	0	0.013
6/24/2024 15:02	0	0.012
6/24/2024 15:03	0	0.012
6/24/2024 15:04	0	0.012
6/24/2024 15:05	0	0.013
6/24/2024 15:06	0	0.013
6/24/2024 15:07	0	0.012
6/24/2024 15:08	0	0.012
6/24/2024 15:09	0.001	0.012
6/24/2024 15:10	0	0.012
6/24/2024 15:11	0.002	0.012
6/24/2024 15:12	0.004	0.012
6/24/2024 15:13	0.006	0.013
6/24/2024 15:14	0.004	0.012
6/24/2024 15:15	0.005	0.012
6/24/2024 15:16	0.01	0.012
6/24/2024 15:17	0.009	0.012

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 15:18	0.001	0.012
6/24/2024 15:19	0.007	0.012
6/24/2024 15:20	0.008	0.013
6/24/2024 15:21	0.005	0.013
6/24/2024 15:22	0.007	0.013
6/24/2024 15:23	0.006	0.013
6/24/2024 15:24	0	0.014
6/24/2024 15:25	0	0.013
6/24/2024 15:26	0	0.013
6/24/2024 15:27	0	0.014
6/24/2024 15:28	0	0.013
6/24/2024 15:29	0	0.013
6/24/2024 15:30	0	0.013
6/24/2024 15:31	0	0.013
6/24/2024 15:32	0	0.012
6/24/2024 15:33	0	0.012
6/24/2024 15:34	0	0.013
6/24/2024 15:35	0	0.012
6/24/2024 15:36	0	0.012
6/24/2024 15:37	0	0.011
6/24/2024 15:38	0	0.012
6/24/2024 15:39	0	0.012
6/24/2024 15:40	0	0.012
6/24/2024 15:41	0	0.012
6/24/2024 15:42	0	0.012
6/24/2024 15:43	0	0.011
6/24/2024 15:44	0	0.011
6/24/2024 15:45	0	0.011
6/24/2024 15:46	0	0.011
6/24/2024 15:47	0	0.011
6/24/2024 15:48	0	0.011
6/24/2024 15:49	0	0.011
6/24/2024 15:50	0	0.011
6/24/2024 15:51	0	0.011
6/24/2024 15:52	0	0.011
6/24/2024 15:53	0	0.011
6/24/2024 15:54	0	0.011
6/24/2024 15:55	0	0.011
6/24/2024 15:56	0	0.011
6/24/2024 15:57	0	0.011
6/24/2024 15:58	0	0.011

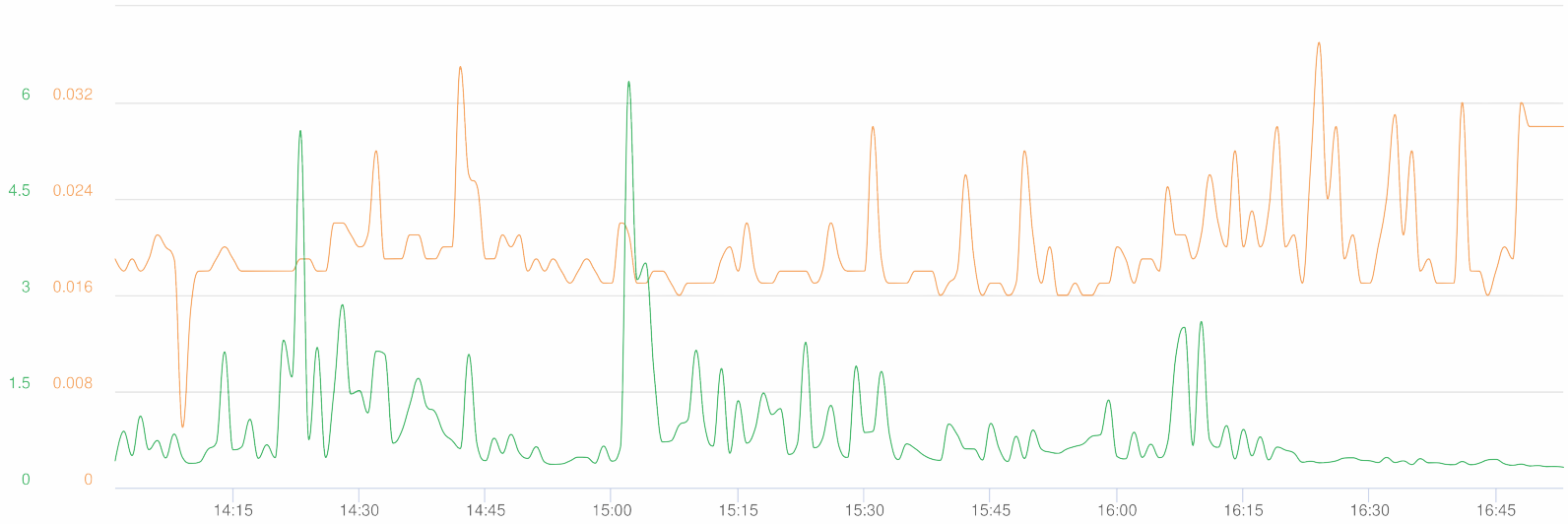
Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 15:59	0	0.011
6/24/2024 16:00	0	0.011
6/24/2024 16:01	0	0.011
6/24/2024 16:02	0	0.011
6/24/2024 16:03	0	0.011
6/24/2024 16:04	0	0.012
6/24/2024 16:05	0	0.012
6/24/2024 16:06	0	0.012
6/24/2024 16:07	0	0.012
6/24/2024 16:08	0	0.012
6/24/2024 16:09	0	0.011
6/24/2024 16:10	0	0.012
6/24/2024 16:11	0	0.012
6/24/2024 16:12	0	0.012
6/24/2024 16:13	0	0.013
6/24/2024 16:14	0	0.013
6/24/2024 16:15	0	0.013
6/24/2024 16:16	0	0.013
6/24/2024 16:17	0	0.013
6/24/2024 16:18	0	0.013
6/24/2024 16:19	0	0.013
6/24/2024 16:20	0	0.013
6/24/2024 16:21	0	0.013
6/24/2024 16:22	0	0.012
6/24/2024 16:23	0	0.012
6/24/2024 16:24	0	0.012
6/24/2024 16:25	0	0.013
6/24/2024 16:26	0	0.012
6/24/2024 16:27	0	0.012
6/24/2024 16:28	0	0.012
6/24/2024 16:29	0	0.012
6/24/2024 16:30	0	0.012
6/24/2024 16:31	0	0.012
6/24/2024 16:32	0	0.012
6/24/2024 16:33	0	0.011
6/24/2024 16:34	0	0.012
6/24/2024 16:35	0	0.012
6/24/2024 16:36	0	0.012
6/24/2024 16:37	0	0.012
6/24/2024 16:38	0	0.012
6/24/2024 16:39	0	0.012

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 16:40	0	0.013
6/24/2024 16:41	0	0.013
6/24/2024 16:42	0	0.013
6/24/2024 16:43	0	0.012
6/24/2024 16:44	0	0.013
6/24/2024 16:45	0	0.012
6/24/2024 16:46	0	0.012
6/24/2024 16:47	0	0.012
6/24/2024 16:48	0	0.012
6/24/2024 16:49	0	0.012
6/24/2024 16:50	0	0.012
6/24/2024 16:51	0	0.012
6/24/2024 16:52	0	0.012

Mon, 24th of Jun 2024, 14:02:07 – 17:02:07
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.005	0.02	0.037

VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0.326	0.893	6.33

Name	Labella Buffalo #2
S/N	2B553545
Description	FA06182
Location	476 Elk St, Buffalo, NY 14210, USA

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Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 8:24		0.022
6/24/2024 8:25	0.008	0.022
6/24/2024 8:26	0.012	0.022
6/24/2024 8:27	0.013	0.022
6/24/2024 8:28	0.027	0.022
6/24/2024 8:29	0.031	0.022
6/24/2024 8:30	0.036	0.022
6/24/2024 8:31	0.044	0.022
6/24/2024 8:32	0.051	0.022
6/24/2024 8:33	0.053	0.022
6/24/2024 8:34	0.062	0.022
6/24/2024 8:35	0.066	0.022
6/24/2024 8:36	0.067	0.022
6/24/2024 8:37	0.068	0.022
6/24/2024 8:38	0.079	0.022
6/24/2024 8:39	0.081	0.022
6/24/2024 8:40	0.085	0.022
6/24/2024 8:41	0.09	0.022
6/24/2024 8:42	0.099	0.022
6/24/2024 8:43	0.102	0.022
6/24/2024 8:44	0.105	0.022
6/24/2024 8:45	0.107	0.022
6/24/2024 8:46	0.111	0.022
6/24/2024 8:47	0.115	0.022
6/24/2024 8:48	0.119	0.022
6/24/2024 8:49	0.127	0.022
6/24/2024 8:50	0.128	0.022
6/24/2024 8:51	0.132	0.022
6/24/2024 8:52	0.133	0.022
6/24/2024 8:53	0.138	0.022
6/24/2024 8:54	0.141	0.022
6/24/2024 8:55	0.147	0.022
6/24/2024 8:56	0.145	0.022
6/24/2024 8:57	0.165	0.022
6/24/2024 8:58	0.147	0.022
6/24/2024 8:59	0.136	0.022
6/24/2024 9:00	0.14	0.022
6/24/2024 9:01	0.132	0.022
6/24/2024 9:02	0.211	0.022
6/24/2024 9:03	0.137	0.022
6/24/2024 9:04	0.14	0.022

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 9:05	0.145	0.022
6/24/2024 9:06	0.14	0.022
6/24/2024 9:07	0.146	0.022
6/24/2024 9:08	0.141	0.022
6/24/2024 9:09	0.136	0.017
6/24/2024 9:10	0.127	0.02
6/24/2024 9:11	0.134	0.017
6/24/2024 9:12	0.129	0.017
6/24/2024 9:13	0.135	0.017
6/24/2024 9:14	0.142	0.016
6/24/2024 9:15	0.137	0.016
6/24/2024 9:16	0.142	0.017
6/24/2024 9:17	0.146	0.017
6/24/2024 9:18	0.146	0.017
6/24/2024 9:19	0.144	0.017
6/24/2024 9:20	0.145	0.017
6/24/2024 9:21	0.144	0.017
6/24/2024 9:22	0.142	0.017
6/24/2024 9:23	0.151	0.017
6/24/2024 9:24	0.147	0.017
6/24/2024 9:25	0.153	0.016
6/24/2024 9:26	0.157	0.016
6/24/2024 9:27	0.157	0.016
6/24/2024 9:28	0.159	0.016
6/24/2024 9:29	0.16	0.016
6/24/2024 9:30	0.168	0.016
6/24/2024 9:33	0.166	0.015
6/24/2024 9:34	0.171	0.016
6/24/2024 9:35	0.17	0.016
6/24/2024 9:36	0.175	0.017
6/24/2024 9:37	0.177	0.017
6/24/2024 9:38	0.179	0.017
6/24/2024 9:39	0.182	0.017
6/24/2024 9:40	0.188	0.017
6/24/2024 9:41	0.191	0.017
6/24/2024 9:42	0.193	0.016
6/24/2024 9:43	0.194	0.016
6/24/2024 9:44	0.198	0.016
6/24/2024 9:45	0.206	0.017
6/24/2024 9:46	0.207	0.017
6/24/2024 9:47	0.206	0.016

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 9:48	0.212	0.016
6/24/2024 9:49	0.216	0.017
6/24/2024 9:50	0.214	0.017
6/24/2024 9:51	0.219	0.016
6/24/2024 9:52	0.226	0.017
6/24/2024 9:53	0.228	0.017
6/24/2024 9:54	0.23	0.016
6/24/2024 9:55	0.232	0.017
6/24/2024 9:56	0.228	0.017
6/24/2024 9:57	0.232	0.016
6/24/2024 9:58	0.232	0.016
6/24/2024 9:59	0.232	0.017
6/24/2024 10:00	0.232	0.016
6/24/2024 10:01	0.237	0.017
6/24/2024 10:02	0.241	0.016
6/24/2024 10:03	0.244	0.016
6/24/2024 10:04	0.245	0.017
6/24/2024 10:05	0.244	0.017
6/24/2024 10:06	0.248	0.016
6/24/2024 10:07	0.252	0.016
6/24/2024 10:08	0.253	0.016
6/24/2024 10:09	0.259	0.016
6/24/2024 10:10	0.254	0.016
6/24/2024 10:11	0.26	0.016
6/24/2024 10:12	0.264	0.016
6/24/2024 10:13	0.261	0.016
6/24/2024 10:14	0.265	0.016
6/24/2024 10:15	0.27	0.016
6/24/2024 10:16	0.277	0.016
6/24/2024 10:17	0.272	0.017
6/24/2024 10:18	0.276	0.017
6/24/2024 10:19	0.283	0.017
6/24/2024 10:20	0.278	0.017
6/24/2024 10:21	0.283	0.017
6/24/2024 10:22	0.279	0.019
6/24/2024 10:23	0.286	0.017
6/24/2024 10:24	0.288	0.017
6/24/2024 10:25	0.292	0.017
6/24/2024 10:26	0.29	0.017
6/24/2024 10:27	0.288	0.017
6/24/2024 10:28	0.295	0.017

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 10:29	0.298	0.017
6/24/2024 10:30	0.299	0.017
6/24/2024 10:31	0.298	0.017
6/24/2024 10:32	0.294	0.017
6/24/2024 10:33	0.297	0.017
6/24/2024 10:34	0.302	0.017
6/24/2024 10:35	0.296	0.018
6/24/2024 10:36	0.299	0.018
6/24/2024 10:37	0.3	0.018
6/24/2024 10:38	0.302	0.018
6/24/2024 10:39	0.303	0.018
6/24/2024 10:40	0.307	0.023
6/24/2024 10:41	0.304	0.019
6/24/2024 10:42	0.309	0.018
6/24/2024 10:43	0.314	0.019
6/24/2024 10:44	0.311	0.019
6/24/2024 10:45	0.314	0.018
6/24/2024 10:46	0.316	0.019
6/24/2024 10:47	0.322	0.018
6/24/2024 10:48	0.314	0.019
6/24/2024 10:49	0.319	0.018
6/24/2024 10:50	0.319	0.018
6/24/2024 10:51	0.322	0.018
6/24/2024 10:52	0.327	0.018
6/24/2024 10:53	0.318	0.018
6/24/2024 10:54	0.323	0.019
6/24/2024 10:55	0.319	0.019
6/24/2024 10:56	0.321	0.019
6/24/2024 10:57	0.325	0.019
6/24/2024 10:58	0.322	0.019
6/24/2024 10:59	0.323	0.019
6/24/2024 11:00	0.321	0.02
6/24/2024 11:01	0.32	0.019
6/24/2024 11:02	0.326	0.019
6/24/2024 11:03	0.327	0.019
6/24/2024 11:04	0.331	0.019
6/24/2024 11:05	0.332	0.019
6/24/2024 11:06	0.336	0.019
6/24/2024 11:07	0.338	0.019
6/24/2024 11:08	0.341	0.019
6/24/2024 11:09	0.346	0.019

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 11:10	0.349	0.019
6/24/2024 11:11	0.349	0.019
6/24/2024 11:12	0.35	0.018
6/24/2024 11:13	0.355	0.019
6/24/2024 11:14	0.356	0.019
6/24/2024 11:15	0.358	0.02
6/24/2024 11:16	0.357	0.02
6/24/2024 11:17	0.358	0.02
6/24/2024 11:18	0.357	0.019
6/24/2024 11:19	0.356	0.019
6/24/2024 11:20	0.355	0.019
6/24/2024 11:21	0.352	0.02
6/24/2024 11:22	0.353	0.02
6/24/2024 11:23	0.356	0.02
6/24/2024 11:24	0.353	0.019
6/24/2024 11:25	0.354	0.02
6/24/2024 11:26	0.354	0.02
6/24/2024 11:27	0.355	0.02
6/24/2024 11:28	0.356	0.02
6/24/2024 11:29	0.358	0.021
6/24/2024 11:30	0.357	0.021
6/24/2024 11:31	0.36	0.021
6/24/2024 11:32	0.355	0.021
6/24/2024 11:33	0.357	0.02
6/24/2024 11:34	0.358	0.021
6/24/2024 11:35	0.361	0.022
6/24/2024 11:36	0.36	0.021
6/24/2024 11:37	0.359	0.021
6/24/2024 11:38	0.367	0.021
6/24/2024 11:39	0.355	0.021
6/24/2024 11:40	0.342	0.02
6/24/2024 11:41	0.338	0.02
6/24/2024 11:42	0.342	0.021
6/24/2024 11:43	0.34	0.02
6/24/2024 11:44	0.339	0.02
6/24/2024 11:45	0.334	0.021
6/24/2024 11:46	0.33	0.02
6/24/2024 11:47	0.325	0.02
6/24/2024 11:48	0.336	0.02
6/24/2024 11:49	0.32	0.02
6/24/2024 11:50	0.318	0.02

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 11:51	0.316	0.02
6/24/2024 11:52	0.325	0.02
6/24/2024 11:53	0.331	0.02
6/24/2024 11:54	0.322	0.02
6/24/2024 11:55	0.311	0.02
6/24/2024 11:56	0.309	0.019
6/24/2024 11:57	0.309	0.02
6/24/2024 11:58	0.313	0.019
6/24/2024 11:59	0.296	0.02
6/24/2024 12:00	0.319	0.019
6/24/2024 12:01	0.302	0.021
6/24/2024 12:02	0.319	0.021
6/24/2024 12:03	0.313	0.02
6/24/2024 12:04	0.311	0.02
6/24/2024 12:05	0.308	0.02
6/24/2024 12:06	0.317	0.021
6/24/2024 12:07	0.299	0.021
6/24/2024 12:08	0.3	0.038
6/24/2024 12:09	0.311	0.02
6/24/2024 12:10	0.318	0.02
6/24/2024 12:11	0.307	0.02
6/24/2024 12:12	0.297	0.02
6/24/2024 12:13	0.296	0.02
6/24/2024 12:14	0.301	0.02
6/24/2024 12:15	0.31	0.021
6/24/2024 12:16	0.306	0.021
6/24/2024 12:17	0.313	0.02
6/24/2024 12:18	0.315	0.058
6/24/2024 12:19	0.319	0.021
6/24/2024 12:20	0.298	0.02
6/24/2024 12:21	0.306	0.02
6/24/2024 12:22	0.297	0.021
6/24/2024 12:23	0.308	0.02
6/24/2024 12:24	0.3	0.019
6/24/2024 12:25	0.304	0.02
6/24/2024 12:26	0.297	0.02
6/24/2024 12:27	0.289	0.02
6/24/2024 12:28	0.3	0.019
6/24/2024 12:29	0.291	0.019
6/24/2024 12:30	0.295	0.018
6/24/2024 12:31	0.293	0.019

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 12:32	0.289	0.019
6/24/2024 12:33	0.288	0.018
6/24/2024 12:34	0.297	0.019
6/24/2024 12:35	0.292	0.019
6/24/2024 12:36	0.296	0.02
6/24/2024 12:37	0.31	0.019
6/24/2024 12:38	0.306	0.019
6/24/2024 12:39	0.315	0.019
6/24/2024 12:40	0.326	0.022
6/24/2024 12:41	0.308	0.019
6/24/2024 12:42	0.309	0.019
6/24/2024 12:43	0.313	0.018
6/24/2024 12:44	0.313	0.019
6/24/2024 12:45	0.311	0.019
6/24/2024 12:46	0.313	0.019
6/24/2024 12:47	0.318	0.019
6/24/2024 12:48	0.317	0.019
6/24/2024 12:49	0.311	0.019
6/24/2024 12:50	0.321	0.019
6/24/2024 12:51	0.322	0.021
6/24/2024 12:52	0.322	0.019
6/24/2024 12:53	0.327	0.019
6/24/2024 12:54	0.331	0.02
6/24/2024 12:55	0.346	0.021
6/24/2024 12:56	0.343	0.019
6/24/2024 12:57	0.33	0.019
6/24/2024 12:58	0.342	0.02
6/24/2024 12:59	0.331	0.02
6/24/2024 13:00	0.331	0.019
6/24/2024 13:01	0.326	0.019
6/24/2024 13:02	0.339	0.019
6/24/2024 13:03	0.334	0.019
6/24/2024 13:04	0.328	0.019
6/24/2024 13:05	0.337	0.019
6/24/2024 13:06	0.332	0.019
6/24/2024 13:07	0.331	0.018
6/24/2024 13:08	0.332	0.018
6/24/2024 13:09	0.333	0.018
6/24/2024 13:10	0.338	0.019
6/24/2024 13:11	0.329	0.018
6/24/2024 13:12	0.337	0.018

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 13:13	0.332	0.018
6/24/2024 13:14	0.336	0.018
6/24/2024 13:15	0.335	0.018
6/24/2024 13:16	0.352	0.019
6/24/2024 13:17	0.34	0.019
6/24/2024 13:18	0.347	0.019
6/24/2024 13:19	0.338	0.018
6/24/2024 13:20	0.355	0.019
6/24/2024 13:21	0.351	0.019
6/24/2024 13:22	0.364	0.019
6/24/2024 13:23	0.673	0.02
6/24/2024 13:24	0.624	0.022
6/24/2024 13:25	0.768	0.025
6/24/2024 13:26	0.497	0.021
6/24/2024 13:27	0.715	0.025
6/24/2024 13:28	0.73	0.026
6/24/2024 13:29	0.718	0.022
6/24/2024 13:30	1.136	0.023
6/24/2024 13:31	0.487	0.02
6/24/2024 13:32	0.383	0.019
6/24/2024 13:33	0.471	0.019
6/24/2024 13:34	0.391	0.019
6/24/2024 13:35	0.608	0.019
6/24/2024 13:36	0.502	0.02
6/24/2024 13:37	0.395	0.022
6/24/2024 13:38	0.692	0.021
6/24/2024 13:39	0.595	0.076
6/24/2024 13:40	0.417	0.027
6/24/2024 13:41	0.807	0.028
6/24/2024 13:42	0.537	0.023
6/24/2024 13:43	0.44	0.033
6/24/2024 13:44	0.569	0.026
6/24/2024 13:45	0.63	0.025
6/24/2024 13:46	0.486	0.023
6/24/2024 13:47	0.386	0.023
6/24/2024 13:48	0.379	0.026
6/24/2024 13:49	0.394	0.022
6/24/2024 13:50	0.565	0.023
6/24/2024 13:51	0.376	0.025
6/24/2024 13:52	0.377	0.02
6/24/2024 13:53	0.367	0.019

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 13:54	0.528	0.02
6/24/2024 13:55	0.583	0.021
6/24/2024 13:56	0.382	0.021
6/24/2024 13:57	0.445	0.02
6/24/2024 13:58	0.482	0.023
6/24/2024 13:59	0.447	0.026
6/24/2024 14:00	0.506	0.02
6/24/2024 14:01	0.415	0.019
6/24/2024 14:02	0.879	0.018
6/24/2024 14:03	0.499	0.019
6/24/2024 14:04	1.115	0.018
6/24/2024 14:05	0.591	0.019
6/24/2024 14:06	0.733	0.021
6/24/2024 14:07	0.462	0.02
6/24/2024 14:08	0.833	0.019
6/24/2024 14:09	0.467	0.005
6/24/2024 14:10	0.378	0.015
6/24/2024 14:11	0.395	0.018
6/24/2024 14:12	0.592	0.018
6/24/2024 14:13	0.697	0.019
6/24/2024 14:14	2.116	0.02
6/24/2024 14:15	0.588	0.019
6/24/2024 14:16	0.63	0.018
6/24/2024 14:17	1.063	0.018
6/24/2024 14:18	0.456	0.018
6/24/2024 14:19	0.667	0.018
6/24/2024 14:20	0.465	0.018
6/24/2024 14:21	2.297	0.018
6/24/2024 14:22	1.723	0.018
6/24/2024 14:23	5.563	0.019
6/24/2024 14:24	0.747	0.019
6/24/2024 14:25	2.184	0.018
6/24/2024 14:26	0.47	0.018
6/24/2024 14:27	1.53	0.022
6/24/2024 14:28	2.851	0.022
6/24/2024 14:29	1.457	0.021
6/24/2024 14:30	1.512	0.02
6/24/2024 14:31	1.164	0.021
6/24/2024 14:32	2.124	0.028
6/24/2024 14:33	2.08	0.019
6/24/2024 14:34	0.69	0.019

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 14:35	0.865	0.019
6/24/2024 14:36	1.293	0.021
6/24/2024 14:37	1.703	0.021
6/24/2024 14:38	1.261	0.019
6/24/2024 14:39	1.176	0.019
6/24/2024 14:40	0.858	0.02
6/24/2024 14:41	0.735	0.02
6/24/2024 14:42	0.609	0.035
6/24/2024 14:43	2.076	0.026
6/24/2024 14:44	0.655	0.025
6/24/2024 14:45	0.419	0.019
6/24/2024 14:46	0.77	0.019
6/24/2024 14:47	0.533	0.021
6/24/2024 14:48	0.828	0.02
6/24/2024 14:49	0.543	0.021
6/24/2024 14:50	0.454	0.018
6/24/2024 14:51	0.635	0.019
6/24/2024 14:52	0.397	0.018
6/24/2024 14:53	0.363	0.019
6/24/2024 14:54	0.368	0.018
6/24/2024 14:55	0.414	0.017
6/24/2024 14:56	0.474	0.018
6/24/2024 14:57	0.47	0.019
6/24/2024 14:58	0.379	0.018
6/24/2024 14:59	0.648	0.017
6/24/2024 15:00	0.412	0.017
6/24/2024 15:01	0.617	0.022
6/24/2024 15:02	6.33	0.021
6/24/2024 15:03	3.241	0.017
6/24/2024 15:04	3.5	0.017
6/24/2024 15:05	1.781	0.018
6/24/2024 15:06	0.71	0.018
6/24/2024 15:07	0.727	0.017
6/24/2024 15:08	0.974	0.016
6/24/2024 15:09	1.053	0.017
6/24/2024 15:10	2.138	0.017
6/24/2024 15:11	0.982	0.017
6/24/2024 15:12	0.646	0.017
6/24/2024 15:13	1.857	0.019
6/24/2024 15:14	0.535	0.02
6/24/2024 15:15	1.355	0.018

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 15:16	0.693	0.022
6/24/2024 15:17	0.908	0.018
6/24/2024 15:18	1.47	0.017
6/24/2024 15:19	1.139	0.017
6/24/2024 15:20	1.229	0.018
6/24/2024 15:21	0.517	0.018
6/24/2024 15:22	0.67	0.018
6/24/2024 15:23	2.264	0.018
6/24/2024 15:24	0.62	0.017
6/24/2024 15:25	0.758	0.018
6/24/2024 15:26	1.279	0.022
6/24/2024 15:27	0.624	0.019
6/24/2024 15:28	0.47	0.018
6/24/2024 15:29	1.892	0.018
6/24/2024 15:30	0.86	0.018
6/24/2024 15:31	0.875	0.03
6/24/2024 15:32	1.81	0.019
6/24/2024 15:33	0.793	0.017
6/24/2024 15:34	0.435	0.017
6/24/2024 15:35	0.679	0.017
6/24/2024 15:36	0.608	0.018
6/24/2024 15:37	0.506	0.018
6/24/2024 15:38	0.443	0.018
6/24/2024 15:39	0.425	0.016
6/24/2024 15:40	0.988	0.017
6/24/2024 15:41	0.825	0.018
6/24/2024 15:42	0.601	0.026
6/24/2024 15:43	0.601	0.019
6/24/2024 15:44	0.428	0.016
6/24/2024 15:45	0.999	0.017
6/24/2024 15:46	0.6	0.017
6/24/2024 15:47	0.408	0.016
6/24/2024 15:48	0.799	0.017
6/24/2024 15:49	0.453	0.028
6/24/2024 15:50	0.896	0.021
6/24/2024 15:51	0.599	0.017
6/24/2024 15:52	0.552	0.02
6/24/2024 15:53	0.534	0.016
6/24/2024 15:54	0.599	0.016
6/24/2024 15:55	0.641	0.017
6/24/2024 15:56	0.682	0.016

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 15:57	0.798	0.016
6/24/2024 15:58	0.823	0.017
6/24/2024 15:59	1.366	0.017
6/24/2024 16:00	0.482	0.02
6/24/2024 16:01	0.447	0.019
6/24/2024 16:02	0.863	0.017
6/24/2024 16:03	0.471	0.019
6/24/2024 16:04	0.676	0.019
6/24/2024 16:05	0.467	0.018
6/24/2024 16:06	0.694	0.025
6/24/2024 16:07	2.068	0.021
6/24/2024 16:08	2.499	0.021
6/24/2024 16:09	0.655	0.019
6/24/2024 16:10	2.589	0.021
6/24/2024 16:11	0.739	0.026
6/24/2024 16:12	0.628	0.022
6/24/2024 16:13	0.966	0.02
6/24/2024 16:14	0.446	0.028
6/24/2024 16:15	0.908	0.02
6/24/2024 16:16	0.494	0.023
6/24/2024 16:17	0.789	0.02
6/24/2024 16:18	0.43	0.023
6/24/2024 16:19	0.632	0.03
6/24/2024 16:20	0.583	0.02
6/24/2024 16:21	0.538	0.021
6/24/2024 16:22	0.394	0.017
6/24/2024 16:23	0.41	0.027
6/24/2024 16:24	0.385	0.037
6/24/2024 16:25	0.393	0.024
6/24/2024 16:26	0.415	0.03
6/24/2024 16:27	0.46	0.019
6/24/2024 16:28	0.463	0.021
6/24/2024 16:29	0.425	0.017
6/24/2024 16:30	0.418	0.017
6/24/2024 16:31	0.39	0.02
6/24/2024 16:32	0.468	0.024
6/24/2024 16:33	0.39	0.031
6/24/2024 16:34	0.417	0.021
6/24/2024 16:35	0.359	0.028
6/24/2024 16:36	0.449	0.018
6/24/2024 16:37	0.384	0.019

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/24/2024 16:38	0.386	0.017
6/24/2024 16:39	0.363	0.017
6/24/2024 16:40	0.355	0.017
6/24/2024 16:41	0.405	0.032
6/24/2024 16:42	0.355	0.018
6/24/2024 16:43	0.379	0.018
6/24/2024 16:44	0.43	0.016
6/24/2024 16:45	0.439	0.018
6/24/2024 16:46	0.369	0.02
6/24/2024 16:47	0.348	0.019
6/24/2024 16:48	0.365	0.032
6/24/2024 16:49	0.336	0.03
6/24/2024 16:50	0.343	0.03
6/24/2024 16:51	0.326	0.03
6/24/2024 16:52	0.329	0.03
6/24/2024 16:53	0.318	0.03

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 06/24/2024 06:30

Description of Work: Oversight and CAMP Monitoring. Utility pole excavtion.
Site Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

_____

Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

_____

Site Specific Health & Safety Topics Discussed:_____

_____

_____

Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	6/24/2024
Chris Finn	Labella	Chris Finn	6/24/2024

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 50-100

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

The import of #2 run of crusher will be utilized to restore the interconnection trench electrical duct bank and provide sub base for the access road. A gradation sheet for this material has been provided. Please refer to, "Item 304.12 - Sub base Type II", on the attached.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

New Enterprise Stone & Lime Co., Inc.

Location where fill was obtained:

500 Como Park Blvd. Buffalo, NY 14227

Identification of any state or local approvals as a fill source:

NYS Source Number 5-3R / Mining Permit Number 90018

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Attached

The information provided on this form is accurate and complete.

Signature

6/24/24

Date

Andy Janik

Print Name

LaBella

Firm

Revised April 2023

NEW ENTERPRISE STONE & LIME CO., INC.

500 Como Park Boulevard • Buffalo NY 14227

Office: (716) 826-7310
Fax: (716) 826-1342
Dispatch: (716) 566-9690

June 24, 2024

Andy Janik

Labella Associates

300 Pearl St
Buffalo NY 14202

Re: Elk Street Solar

Dear Andy,

The 2" Crusher Run stone to be supplied to the above referenced project was extracted, crushed & screened at our Lancaster, NY facility. The material is produced from a virgin stone source, un-impacted by hazardous materials or contaminants and free of loom, organic matter including clay. The quarry is a NYSDOT approved source; the Wehrle Drive source number is 5-3R and our mining permit # is 90018.

Sincerely,

Robert Warrington

CME Associates, Inc.

2727 Broadway St., Suite 2
Cheektowaga, New York 14227
(716) 877-9577
(716) 877-9629 (Fax)

www.cmeassociates.com

LAB REPORT SUMMARY

PROJECT: NESL Source Pre-Qual
CLIENT: NESL
DATE: 08/15/2023

REPORT NO.: 17330L-14
REPRESENTATIVE: Austin Glasier

This CME Associates, Inc representative performed a sieve analysis and moisture density test (Modified Proctor) on a 2" R.O.C. sample BL3223 sampled by client representative and delivered to CME's Buffalo laboratory on 08/03/2023. Tests were performed in accordance with ASTM Standards C136, C117, and D1557.
The following table distinguishes your sample from some common NYSDOT items:

Sample No.:	Location:
BL3223	NESL Wehrle Dr. 5-3R

MECHANICAL ANALYSIS (ASTM C136, C117)

Sieve Size	Percent Passing by Weight Sample BL3223	Item 304.14 Subbase Type IV	Item 304.13 Subbase Type III	Item 304.12 Subbase Type II	Item 203.7 Select Granular Fill
4"	100		100		100
2"	100	100		100	
1"	93				
3/4"	85				
1/2"	68				
3/8"	58				
1/4"	47	30-65	30-75	25-60	
No. 4	42				
No. 10	27				
No. 40	12	5-40	5-40	5-40	0-70
No. 80	8				
No. 200	7.3	0-10	0-10	0-10	0-15

CLASSIFICATION

Gray cmf Gravel and cmf Sand; trace Silt/Clay

LABORATORY MOISTURE-DENSITY RELATIONSHIP (ASTM D1557)

Corrected Maximum Dry Density	=	**141.8**	**Pcf**
Corrected Optimum Moisture Content	=	**6.3**	**%**

It is recommended the engineer of record review and comment on the use of this material. Please see attached documents for lab test results.
Feel free to contact this office should you have any questions.

CME Associates, Inc.

2727 Broadway Ave, Suite #2
Buffalo, New York 14227
(716) 877-9577
(716) 877-9629 (Fax)

www.cmeassociates.com

LABORATORY TEST SUMMARY
NESL
NESL Source Pre-Qual
CME Report Number: 17330L-14
8/15/2023

The CME Associates Representative obtained a sample at the above referenced project. The sample was delivered to CME's Buffalo facility, an AASHTO[1] accredited laboratory, for a Particle Size Analysis and a Moisture Density Relationship determination. The results are as follow:

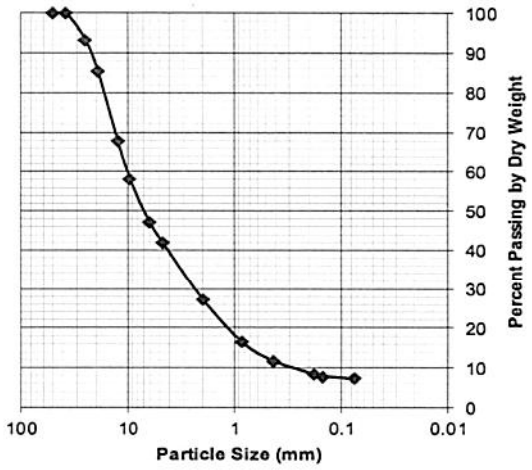
1) Material Identification

Sample #	Date Sampled	Classification	Source
BL3223	08/03/23	Gray cmf Gravel and cmf Sand; trace Silt/Clay	5-3R NESL Wehrle Dr.

2) Particle Size Analysis ASTM C136/C117

Sieve Size	Sieve Size (mm)	% Passing by Dry Weight Sample # BL3223
2"	50	100
1-1/2'	37.5	100
1"	25	93
3/4"	19	85
1/2"	12.5	68
3/8"	9.50	58
1/4"	6.25	47
#4	4.75	42
#10	2.00	27
#20	0.850	16
#40	0.425	12
#80	0.180	8
#100	0.150	8
#200	0.075	7

Grain Size Distribution



3) Moisture-Density Relationsh (ASTM D-1557: Modified Proctor)

	Sample # BL3223
Corrected Maximum Dry Density (pcf)	= **141.8**
Corrected Optimum Moisture Content (%)	= **6.3**
Oversized Particles, Percent by Weight (%)	= **15** *

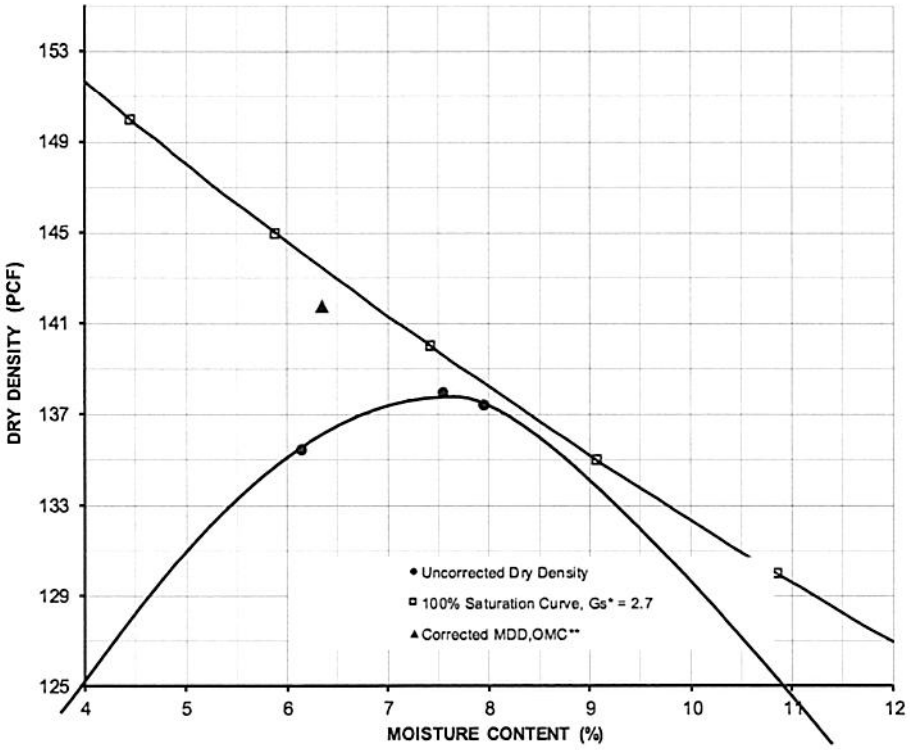
* Particles retained on 3/4-inch sieve

[1]AASHTO - American Association of State Highway & Transportation Officials (AASHTO) Materials Reference Laboratory. CME Buffalo accreditation includes tests of Portland Cement Concrete, Aggregate and Soil Materials. www.aashtoresource.org

LABORATORY TEST SUMMARY
NESL
NESL Source Pre-Qual
CME Report Number: 17330L-14

SAMPLE LOCATION:	**5-3R NESL Wehrle Dr.**	DATE SAMPLED:	**8/3/23**
SOIL CLASSIFICATION:	**Gray cmf Gravel and cmf Sand; trace Silt/Clay**	SAMPLE NO.:	**BL3223**

Moisture - Density Relationship Curve



Particle Size Analysis ASTM C136

Sieve Size	% Passing
2"	100
1-1/2"	100
1"	93
3/4"	85
1/2"	68
3/8"	58
1/4"	47
No.4	42
No.10	27
No.20	16
No.40	12
No.80	8
No.100	8
No.200	7

Test Procedure Information

Test Method	☑ ASTM D-1557 (Modified)		☐ ASTM D-698
Procedure Used	☐ A	☐ B	☑ C
Preparation Method	☐ Dry	☑ Moist	
Description of Rammer	☐ Manual	☑ Mechanical	

Test Results

Corrected MDD (PCF) = **141.8**
Corrected OMC (%) = **6.3**

Oversize Fraction by Dry Weight
15 % Retained on ☐ No.4 Sieve ☐ 3/8" Sieve ☑ 3/4" Sieve

* Specific Gravity, estimated
** MDD = Maximum Dry Density, OMC = Optimum Moisture Content
Please feel free to contact our office if you have any questions.

Austin Glasier
Supervising Laboratory Technician

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar Utility Pole Installation	**DATE:**	6/25/2024
LaBella JOB NO.:	#2241401	**Day of Week:**	S M T W T F S
CLIENT:	Elk Street Commerce Park	**I.R. No.:**	----------
CONTRACTOR:	Schuler Haas	**Sheet No.**	1 **of** 1
	Chris Finn, Brent Miller - LaBella		
PHOTOS TAKEN:	YES	**Weather:**	
		Overcast **AM**	Overcast **PM**
		Temperature:	
		70s **AM**	70s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED

0800 LaBella on-site

0930 CAMP Meters started.

1000 Excavation uncovered, LaBella tamping of bottom of excavation using an excavator.

1045 Tamping completed geotextile fabricate is being installed in the excavation.

1115 Nine-foot corrugated metal pipe is being placed into the excavation.

1130 First load of runner crush stone arrives on-site. Stone will be used to backfill around the pipe.

1200 Break for lunch

1300 Second load of runner crush arrive on-site.

1315 Back filling around pipe has begun. Tamping of stone occurring at various depths.

1515 Back filling complete to approximately the demarcation layer.

1530 Pipe has been covered with OSB supported by 2x4s. CAMP meters taken down.

1645 LaBella off-site.

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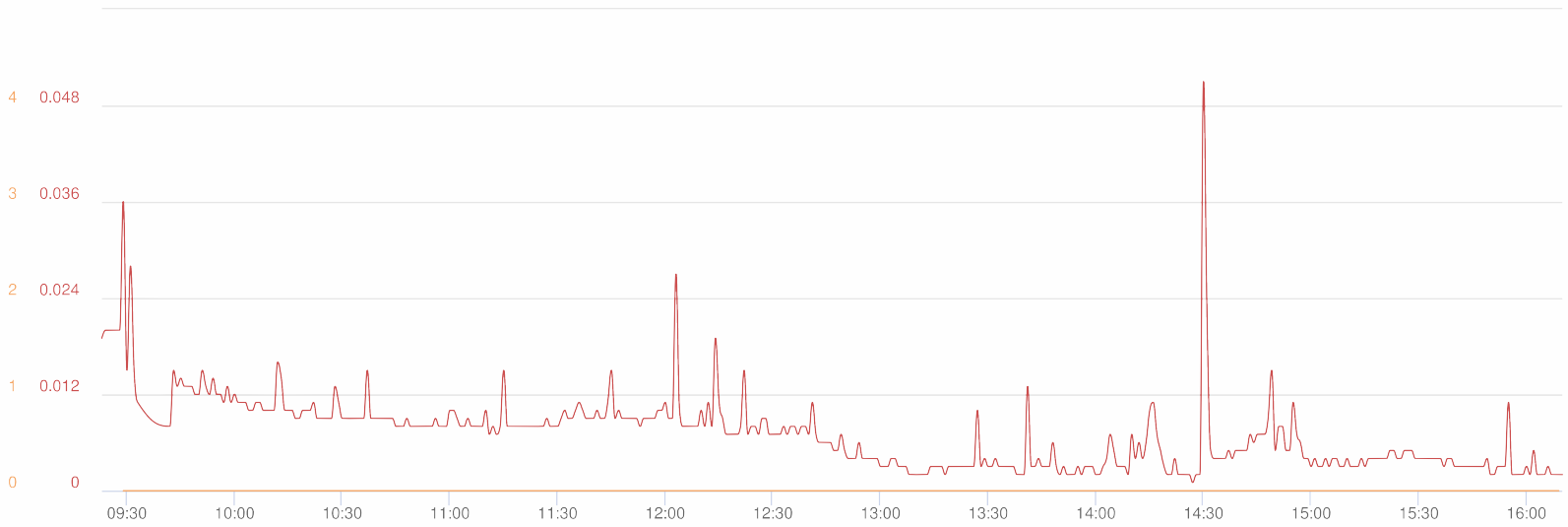
Tue, 25th of Jun 2024, 0:00:00 – 16:16:12
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.001	0.007	0.051

VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	Labella Buffalo #1
S/N	2B504770
Description	FA06180
Location	503 Elk St, Buffalo, NY 14210, USA

© Netronix 2024

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 9:21		0.019
6/25/2024 9:22		0.02
6/25/2024 9:23		0.02
6/25/2024 9:24		0.02
6/25/2024 9:25		0.02
6/25/2024 9:26		0.02
6/25/2024 9:29	0	0.036
6/25/2024 9:30	0	0.015
6/25/2024 9:31		0.028
6/25/2024 9:33		0.015
6/25/2024 9:34		0.011
6/25/2024 9:34	0	
6/25/2024 9:35	0	
6/25/2024 9:36	0	
6/25/2024 9:37	0	
6/25/2024 9:38	0	
6/25/2024 9:39	0	
6/25/2024 9:40	0	
6/25/2024 9:41	0	
6/25/2024 9:42	0	0.008
6/25/2024 9:43	0	0.015
6/25/2024 9:44	0	0.013
6/25/2024 9:45	0	0.014
6/25/2024 9:46	0	0.013
6/25/2024 9:47	0	0.013
6/25/2024 9:48	0	0.013
6/25/2024 9:49	0	0.012
6/25/2024 9:50	0	0.012
6/25/2024 9:51	0	0.015
6/25/2024 9:52	0	0.013
6/25/2024 9:53	0	0.012
6/25/2024 9:54	0	0.014
6/25/2024 9:55	0	0.012
6/25/2024 9:56	0	0.012
6/25/2024 9:57	0	0.011
6/25/2024 9:58	0	0.013
6/25/2024 9:59	0	0.011
6/25/2024 10:00	0	0.012
6/25/2024 10:01	0	0.011
6/25/2024 10:02	0	0.011
6/25/2024 10:03	0	0.011

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 10:04	0	0.01
6/25/2024 10:05	0	0.01
6/25/2024 10:06	0	0.011
6/25/2024 10:07	0	0.011
6/25/2024 10:08	0	0.01
6/25/2024 10:09	0	0.01
6/25/2024 10:10	0	0.01
6/25/2024 10:11	0	0.01
6/25/2024 10:12	0	0.016
6/25/2024 10:13	0	0.014
6/25/2024 10:14	0	0.01
6/25/2024 10:15	0	0.01
6/25/2024 10:16	0	0.01
6/25/2024 10:17	0	0.009
6/25/2024 10:18	0	0.009
6/25/2024 10:19	0	0.01
6/25/2024 10:20	0	0.01
6/25/2024 10:21	0	0.01
6/25/2024 10:22	0	0.011
6/25/2024 10:23	0	0.009
6/25/2024 10:24	0	0.009
6/25/2024 10:25	0	0.009
6/25/2024 10:26	0	0.009
6/25/2024 10:27	0	0.009
6/25/2024 10:28	0	0.013
6/25/2024 10:29	0	0.011
6/25/2024 10:30	0	0.009
6/25/2024 10:31	0	0.009
6/25/2024 10:32	0	0.009
6/25/2024 10:33	0	0.009
6/25/2024 10:34	0	0.009
6/25/2024 10:35	0	0.009
6/25/2024 10:36	0	0.009
6/25/2024 10:37	0	0.015
6/25/2024 10:38	0	0.009
6/25/2024 10:39	0	0.009
6/25/2024 10:40	0	0.009
6/25/2024 10:41	0	0.009
6/25/2024 10:42	0	0.009
6/25/2024 10:43	0	0.009
6/25/2024 10:44	0	0.009

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 10:45	0	0.008
6/25/2024 10:46	0	0.008
6/25/2024 10:47	0	0.008
6/25/2024 10:48	0	0.009
6/25/2024 10:49	0	0.008
6/25/2024 10:50	0	0.008
6/25/2024 10:51	0	0.008
6/25/2024 10:52	0	0.008
6/25/2024 10:53	0	0.008
6/25/2024 10:54	0	0.008
6/25/2024 10:55	0	0.008
6/25/2024 10:56	0	0.009
6/25/2024 10:57	0	0.008
6/25/2024 10:58	0	0.008
6/25/2024 10:59	0	0.008
6/25/2024 11:00	0	0.01
6/25/2024 11:01	0	0.01
6/25/2024 11:02	0	0.009
6/25/2024 11:03	0	0.008
6/25/2024 11:04	0	0.008
6/25/2024 11:05	0	0.009
6/25/2024 11:06	0	0.008
6/25/2024 11:07	0	0.008
6/25/2024 11:08	0	0.008
6/25/2024 11:09	0	0.008
6/25/2024 11:10	0	0.01
6/25/2024 11:11	0	0.007
6/25/2024 11:12	0	0.008
6/25/2024 11:13	0	0.007
6/25/2024 11:14	0	0.008
6/25/2024 11:15	0	0.015
6/25/2024 11:16	0	0.008
6/25/2024 11:17	0	0.008
6/25/2024 11:18	0	0.008
6/25/2024 11:19	0	0.008
6/25/2024 11:20	0	0.008
6/25/2024 11:21	0	0.008
6/25/2024 11:22	0	0.008
6/25/2024 11:23	0	0.008
6/25/2024 11:24	0	0.008
6/25/2024 11:25	0	0.008

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 11:26	0	0.008
6/25/2024 11:27	0	0.009
6/25/2024 11:28	0	0.008
6/25/2024 11:29	0	0.008
6/25/2024 11:30	0	0.008
6/25/2024 11:31	0	0.009
6/25/2024 11:32	0	0.01
6/25/2024 11:33	0	0.009
6/25/2024 11:34	0	0.009
6/25/2024 11:35	0	0.01
6/25/2024 11:36	0	0.011
6/25/2024 11:37	0	0.01
6/25/2024 11:38	0	0.009
6/25/2024 11:39	0	0.009
6/25/2024 11:40	0	0.009
6/25/2024 11:41	0	0.01
6/25/2024 11:42	0	0.009
6/25/2024 11:43	0	0.009
6/25/2024 11:44	0	0.011
6/25/2024 11:45	0	0.015
6/25/2024 11:46	0	0.009
6/25/2024 11:47	0	0.01
6/25/2024 11:48	0	0.009
6/25/2024 11:49	0	0.009
6/25/2024 11:50	0	0.009
6/25/2024 11:51	0	0.009
6/25/2024 11:52	0	0.009
6/25/2024 11:53	0	0.008
6/25/2024 11:54	0	0.009
6/25/2024 11:55	0	0.009
6/25/2024 11:56	0	0.009
6/25/2024 11:57	0	0.009
6/25/2024 11:58	0	0.01
6/25/2024 11:59	0	0.01
6/25/2024 12:00	0	0.011
6/25/2024 12:01	0	0.009
6/25/2024 12:02	0	0.009
6/25/2024 12:03	0	0.027
6/25/2024 12:04	0	0.01
6/25/2024 12:05	0	0.008
6/25/2024 12:06	0	0.008

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 12:07	0	0.008
6/25/2024 12:08	0	0.008
6/25/2024 12:09	0	0.008
6/25/2024 12:10	0	0.01
6/25/2024 12:11	0	0.008
6/25/2024 12:12	0	0.011
6/25/2024 12:13	0	0.008
6/25/2024 12:14	0	0.019
6/25/2024 12:15	0	0.011
6/25/2024 12:16	0	0.009
6/25/2024 12:17	0	0.007
6/25/2024 12:18	0	0.007
6/25/2024 12:19	0	0.007
6/25/2024 12:20	0	0.007
6/25/2024 12:21	0	0.008
6/25/2024 12:22	0	0.015
6/25/2024 12:23	0	0.007
6/25/2024 12:24	0	0.008
6/25/2024 12:25	0	0.008
6/25/2024 12:26	0	0.007
6/25/2024 12:27	0	0.009
6/25/2024 12:28	0	0.009
6/25/2024 12:29	0	0.007
6/25/2024 12:30	0	0.007
6/25/2024 12:31	0	0.007
6/25/2024 12:32	0	0.007
6/25/2024 12:33	0	0.008
6/25/2024 12:34	0	0.007
6/25/2024 12:35	0	0.008
6/25/2024 12:36	0	0.008
6/25/2024 12:37	0	0.007
6/25/2024 12:38	0	0.008
6/25/2024 12:39	0	0.008
6/25/2024 12:40	0	0.007
6/25/2024 12:41	0	0.011
6/25/2024 12:42	0	0.007
6/25/2024 12:43	0	0.006
6/25/2024 12:44	0	0.006
6/25/2024 12:45	0	0.006
6/25/2024 12:46	0	0.006
6/25/2024 12:47	0	0.005

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 12:48	0	0.005
6/25/2024 12:49	0	0.007
6/25/2024 12:50	0	0.005
6/25/2024 12:51	0	0.004
6/25/2024 12:52	0	0.004
6/25/2024 12:53	0	0.004
6/25/2024 12:54	0	0.006
6/25/2024 12:55	0	0.004
6/25/2024 12:56	0	0.004
6/25/2024 12:57	0	0.004
6/25/2024 12:58	0	0.004
6/25/2024 12:59	0	0.004
6/25/2024 13:00	0	0.003
6/25/2024 13:01	0	0.003
6/25/2024 13:02	0	0.003
6/25/2024 13:03	0	0.004
6/25/2024 13:04	0	0.004
6/25/2024 13:05	0	0.003
6/25/2024 13:06	0	0.003
6/25/2024 13:07	0	0.003
6/25/2024 13:08	0	0.002
6/25/2024 13:09	0	0.002
6/25/2024 13:10	0	0.002
6/25/2024 13:11	0	0.002
6/25/2024 13:12	0	0.002
6/25/2024 13:13	0	0.002
6/25/2024 13:14	0	0.003
6/25/2024 13:15	0	0.003
6/25/2024 13:16	0	0.003
6/25/2024 13:17	0	0.003
6/25/2024 13:18	0	0.002
6/25/2024 13:19	0	0.003
6/25/2024 13:20	0	0.003
6/25/2024 13:21	0	0.003
6/25/2024 13:22	0	0.003
6/25/2024 13:23	0	0.003
6/25/2024 13:24	0	0.003
6/25/2024 13:25	0	0.003
6/25/2024 13:26	0	0.003
6/25/2024 13:27	0	0.01
6/25/2024 13:28	0	0.003

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 13:29	0	0.004
6/25/2024 13:30	0	0.003
6/25/2024 13:31	0	0.003
6/25/2024 13:32	0	0.004
6/25/2024 13:33	0	0.003
6/25/2024 13:34	0	0.003
6/25/2024 13:35	0	0.003
6/25/2024 13:36	0	0.003
6/25/2024 13:37	0	0.003
6/25/2024 13:38	0	0.002
6/25/2024 13:39	0	0.002
6/25/2024 13:40	0	0.002
6/25/2024 13:41	0	0.013
6/25/2024 13:42	0	0.003
6/25/2024 13:43	0	0.003
6/25/2024 13:44	0	0.004
6/25/2024 13:45	0	0.003
6/25/2024 13:46	0	0.003
6/25/2024 13:47	0	0.003
6/25/2024 13:48	0	0.006
6/25/2024 13:49	0	0.003
6/25/2024 13:50	0	0.002
6/25/2024 13:51	0	0.003
6/25/2024 13:52	0	0.002
6/25/2024 13:53	0	0.002
6/25/2024 13:54	0	0.002
6/25/2024 13:55	0	0.003
6/25/2024 13:56	0	0.002
6/25/2024 13:57	0	0.003
6/25/2024 13:58	0	0.003
6/25/2024 13:59	0	0.003
6/25/2024 14:00	0	0.002
6/25/2024 14:01	0	0.002
6/25/2024 14:02	0	0.003
6/25/2024 14:03	0	0.004
6/25/2024 14:04	0	0.007
6/25/2024 14:05	0	0.005
6/25/2024 14:06	0	0.003
6/25/2024 14:07	0	0.003
6/25/2024 14:08	0	0.003
6/25/2024 14:09	0	0.002

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 14:10	0	0.007
6/25/2024 14:11	0	0.004
6/25/2024 14:12	0	0.006
6/25/2024 14:13	0	0.004
6/25/2024 14:14	0	0.006
6/25/2024 14:15	0	0.01
6/25/2024 14:16	0	0.011
6/25/2024 14:17	0	0.007
6/25/2024 14:18	0	0.005
6/25/2024 14:19	0	0.003
6/25/2024 14:20	0	0.002
6/25/2024 14:21	0	0.002
6/25/2024 14:22	0	0.004
6/25/2024 14:23	0	0.002
6/25/2024 14:24	0	0.002
6/25/2024 14:25	0	0.002
6/25/2024 14:26	0	0.002
6/25/2024 14:27	0	0.001
6/25/2024 14:28	0	0.002
6/25/2024 14:29	0	0.002
6/25/2024 14:30	0	0.051
6/25/2024 14:31	0	0.021
6/25/2024 14:32	0	0.005
6/25/2024 14:33	0	0.004
6/25/2024 14:34	0	0.004
6/25/2024 14:35	0	0.004
6/25/2024 14:36	0	0.004
6/25/2024 14:37	0	0.005
6/25/2024 14:38	0	0.004
6/25/2024 14:39	0	0.005
6/25/2024 14:40	0	0.005
6/25/2024 14:41	0	0.005
6/25/2024 14:42	0	0.005
6/25/2024 14:43	0	0.007
6/25/2024 14:44	0	0.006
6/25/2024 14:45	0	0.007
6/25/2024 14:46	0	0.007
6/25/2024 14:47	0	0.007
6/25/2024 14:48	0	0.009
6/25/2024 14:49	0	0.015
6/25/2024 14:50	0	0.005

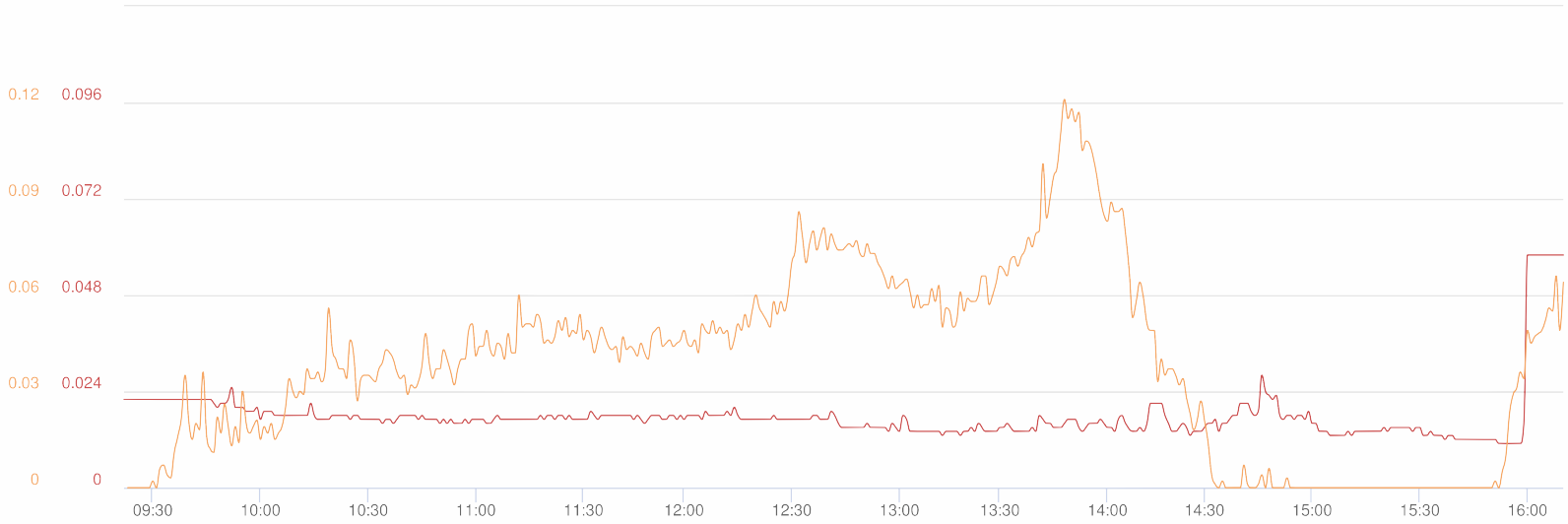
Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 14:51	0	0.008
6/25/2024 14:52	0	0.008
6/25/2024 14:53	0	0.005
6/25/2024 14:54	0	0.005
6/25/2024 14:55	0	0.011
6/25/2024 14:56	0	0.007
6/25/2024 14:57	0	0.006
6/25/2024 14:58	0	0.004
6/25/2024 14:59	0	0.004
6/25/2024 15:00	0	0.003
6/25/2024 15:01	0	0.004
6/25/2024 15:02	0	0.003
6/25/2024 15:03	0	0.003
6/25/2024 15:04	0	0.004
6/25/2024 15:05	0	0.003
6/25/2024 15:06	0	0.004
6/25/2024 15:07	0	0.004
6/25/2024 15:08	0	0.003
6/25/2024 15:09	0	0.003
6/25/2024 15:10	0	0.004
6/25/2024 15:11	0	0.003
6/25/2024 15:12	0	0.003
6/25/2024 15:13	0	0.003
6/25/2024 15:14	0	0.004
6/25/2024 15:15	0	0.003
6/25/2024 15:16	0	0.004
6/25/2024 15:17	0	0.004
6/25/2024 15:18	0	0.004
6/25/2024 15:19	0	0.004
6/25/2024 15:20	0	0.004
6/25/2024 15:21	0	0.004
6/25/2024 15:22	0	0.005
6/25/2024 15:23	0	0.005
6/25/2024 15:24	0	0.004
6/25/2024 15:25	0	0.004
6/25/2024 15:26	0	0.005
6/25/2024 15:27	0	0.005
6/25/2024 15:28	0	0.005
6/25/2024 15:29	0	0.004
6/25/2024 15:30	0	0.004
6/25/2024 15:31	0	0.004

Upwind CAMP Data

Device	RAE RS232(A) 2B504770	DustTrak RS232(C) 2B504770
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 15:32	0	0.004
6/25/2024 15:33	0	0.004
6/25/2024 15:34	0	0.004
6/25/2024 15:35	0	0.004
6/25/2024 15:36	0	0.004
6/25/2024 15:37	0	0.003
6/25/2024 15:38	0	0.004
6/25/2024 15:39	0	0.004
6/25/2024 15:40	0	0.003
6/25/2024 15:41	0	0.003
6/25/2024 15:42	0	0.003
6/25/2024 15:43	0	0.003
6/25/2024 15:44	0	0.003
6/25/2024 15:45	0	0.003
6/25/2024 15:46	0	0.003
6/25/2024 15:47	0	0.003
6/25/2024 15:48	0	0.003
6/25/2024 15:49	0	0.004
6/25/2024 15:50	0	0.002
6/25/2024 15:51	0	0.002
6/25/2024 15:52	0	0.003
6/25/2024 15:53	0	0.003
6/25/2024 15:54	0	0.003
6/25/2024 15:55	0	0.011
6/25/2024 15:56	0	0.002
6/25/2024 15:57	0	0.002
6/25/2024 15:58	0	0.002
6/25/2024 15:59	0	0.002
6/25/2024 16:00	0	0.003
6/25/2024 16:01	0	0.002
6/25/2024 16:02	0	0.005
6/25/2024 16:03	0	0.002
6/25/2024 16:04	0	0.002
6/25/2024 16:05	0	0.002
6/25/2024 16:06	0	0.003
6/25/2024 16:07	0	0.002
6/25/2024 16:08	0	0.002
6/25/2024 16:09	0	0.002
6/25/2024 16:10		0.002

Tue, 25th of Jun 2024, 0:00:00 – 16:17:47
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.011	0.018	0.058

VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.039	0.121

Name	Labella Buffalo #2
S/N	2B553545
Description	FA06182
Location	590 Elk St, Buffalo, NY 14210, USA

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Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 9:22		0.022
6/25/2024 9:23	0	0.022
6/25/2024 9:24	0	0.022
6/25/2024 9:25	0	0.022
6/25/2024 9:26	0	0.022
6/25/2024 9:27	0	0.022
6/25/2024 9:28	0	0.022
6/25/2024 9:29	0	0.022
6/25/2024 9:30	0.002	0.022
6/25/2024 9:31	0	0.022
6/25/2024 9:32	0.006	0.022
6/25/2024 9:33	0.007	0.022
6/25/2024 9:34	0.004	0.022
6/25/2024 9:35	0.003	0.022
6/25/2024 9:36	0.011	0.022
6/25/2024 9:37	0.016	0.022
6/25/2024 9:38	0.022	0.022
6/25/2024 9:39	0.035	0.022
6/25/2024 9:40	0.021	0.022
6/25/2024 9:41	0.015	0.022
6/25/2024 9:42	0.02	0.022
6/25/2024 9:43	0.018	0.022
6/25/2024 9:44	0.036	0.022
6/25/2024 9:45	0.016	0.022
6/25/2024 9:46	0.012	0.022
6/25/2024 9:47	0.011	0.021
6/25/2024 9:48	0.022	0.02
6/25/2024 9:49	0.017	0.021
6/25/2024 9:50	0.026	0.021
6/25/2024 9:51	0.019	0.022
6/25/2024 9:52	0.013	0.025
6/25/2024 9:53	0.019	0.02
6/25/2024 9:54	0.014	0.02
6/25/2024 9:55	0.03	0.02
6/25/2024 9:56	0.02	0.019
6/25/2024 9:57	0.017	0.019
6/25/2024 9:58	0.019	0.019
6/25/2024 9:59	0.021	0.02
6/25/2024 10:00	0.015	0.017
6/25/2024 10:01	0.019	0.019
6/25/2024 10:02	0.017	0.019

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 10:03	0.02	0.019
6/25/2024 10:04	0.015	0.018
6/25/2024 10:05	0.017	0.018
6/25/2024 10:06	0.019	0.018
6/25/2024 10:07	0.025	0.018
6/25/2024 10:08	0.034	0.018
6/25/2024 10:09	0.03	0.018
6/25/2024 10:10	0.028	0.018
6/25/2024 10:11	0.03	0.018
6/25/2024 10:12	0.029	0.018
6/25/2024 10:13	0.037	0.018
6/25/2024 10:14	0.034	0.021
6/25/2024 10:15	0.034	0.018
6/25/2024 10:16	0.036	0.017
6/25/2024 10:17	0.033	0.017
6/25/2024 10:18	0.036	0.017
6/25/2024 10:19	0.056	0.017
6/25/2024 10:20	0.043	0.018
6/25/2024 10:21	0.04	0.018
6/25/2024 10:22	0.037	0.018
6/25/2024 10:23	0.037	0.018
6/25/2024 10:24	0.034	0.018
6/25/2024 10:25	0.046	0.017
6/25/2024 10:26	0.041	0.018
6/25/2024 10:27	0.027	0.018
6/25/2024 10:28	0.034	0.017
6/25/2024 10:29	0.035	0.017
6/25/2024 10:30	0.035	0.017
6/25/2024 10:31	0.034	0.017
6/25/2024 10:32	0.033	0.017
6/25/2024 10:33	0.037	0.017
6/25/2024 10:34	0.039	0.016
6/25/2024 10:35	0.043	0.017
6/25/2024 10:36	0.042	0.017
6/25/2024 10:37	0.04	0.016
6/25/2024 10:38	0.036	0.017
6/25/2024 10:39	0.034	0.018
6/25/2024 10:40	0.035	0.018
6/25/2024 10:41	0.029	0.018
6/25/2024 10:42	0.032	0.018
6/25/2024 10:43	0.031	0.018

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 10:44	0.033	0.017
6/25/2024 10:45	0.038	0.018
6/25/2024 10:46	0.048	0.017
6/25/2024 10:47	0.039	0.017
6/25/2024 10:48	0.034	0.017
6/25/2024 10:49	0.037	0.017
6/25/2024 10:50	0.037	0.016
6/25/2024 10:51	0.043	0.017
6/25/2024 10:52	0.04	0.016
6/25/2024 10:53	0.036	0.017
6/25/2024 10:54	0.032	0.016
6/25/2024 10:55	0.037	0.016
6/25/2024 10:56	0.04	0.016
6/25/2024 10:57	0.04	0.017
6/25/2024 10:58	0.049	0.016
6/25/2024 10:59	0.051	0.017
6/25/2024 11:00	0.041	0.017
6/25/2024 11:01	0.044	0.017
6/25/2024 11:02	0.044	0.017
6/25/2024 11:03	0.049	0.016
6/25/2024 11:04	0.043	0.016
6/25/2024 11:05	0.041	0.017
6/25/2024 11:06	0.045	0.018
6/25/2024 11:07	0.044	0.017
6/25/2024 11:08	0.04	0.017
6/25/2024 11:09	0.048	0.017
6/25/2024 11:10	0.042	0.017
6/25/2024 11:11	0.042	0.017
6/25/2024 11:12	0.06	0.017
6/25/2024 11:13	0.05	0.017
6/25/2024 11:14	0.051	0.017
6/25/2024 11:15	0.051	0.017
6/25/2024 11:16	0.05	0.017
6/25/2024 11:17	0.054	0.017
6/25/2024 11:18	0.052	0.018
6/25/2024 11:19	0.045	0.017
6/25/2024 11:20	0.046	0.018
6/25/2024 11:21	0.045	0.018
6/25/2024 11:22	0.047	0.017
6/25/2024 11:23	0.052	0.018
6/25/2024 11:24	0.049	0.018

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 11:25	0.053	0.017
6/25/2024 11:26	0.047	0.018
6/25/2024 11:27	0.049	0.017
6/25/2024 11:28	0.048	0.017
6/25/2024 11:29	0.054	0.017
6/25/2024 11:30	0.046	0.017
6/25/2024 11:31	0.049	0.017
6/25/2024 11:32	0.047	0.019
6/25/2024 11:33	0.042	0.018
6/25/2024 11:34	0.046	0.017
6/25/2024 11:35	0.05	0.018
6/25/2024 11:36	0.047	0.018
6/25/2024 11:37	0.044	0.018
6/25/2024 11:38	0.043	0.018
6/25/2024 11:39	0.044	0.018
6/25/2024 11:40	0.039	0.018
6/25/2024 11:41	0.047	0.018
6/25/2024 11:42	0.043	0.018
6/25/2024 11:43	0.044	0.018
6/25/2024 11:44	0.043	0.017
6/25/2024 11:45	0.041	0.018
6/25/2024 11:46	0.045	0.017
6/25/2024 11:49	0.042	0.016
6/25/2024 11:50	0.04	0.017
6/25/2024 11:51	0.047	0.018
6/25/2024 11:52	0.049	0.018
6/25/2024 11:53	0.05	0.018
6/25/2024 11:54	0.044	0.017
6/25/2024 11:55	0.045	0.017
6/25/2024 11:56	0.046	0.018
6/25/2024 11:57	0.044	0.018
6/25/2024 11:58	0.045	0.017
6/25/2024 11:59	0.046	0.018
6/25/2024 12:00	0.049	0.017
6/25/2024 12:01	0.045	0.018
6/25/2024 12:02	0.044	0.018
6/25/2024 12:03	0.046	0.018
6/25/2024 12:04	0.042	0.018
6/25/2024 12:05	0.051	0.017
6/25/2024 12:06	0.049	0.019
6/25/2024 12:07	0.048	0.018

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 12:08	0.052	0.018
6/25/2024 12:09	0.048	0.018
6/25/2024 12:10	0.05	0.018
6/25/2024 12:11	0.048	0.018
6/25/2024 12:12	0.049	0.019
6/25/2024 12:13	0.043	0.018
6/25/2024 12:14	0.046	0.02
6/25/2024 12:15	0.051	0.018
6/25/2024 12:16	0.049	0.017
6/25/2024 12:17	0.054	0.017
6/25/2024 12:18	0.05	0.017
6/25/2024 12:19	0.055	0.017
6/25/2024 12:20	0.06	0.017
6/25/2024 12:21	0.056	0.017
6/25/2024 12:22	0.054	0.017
6/25/2024 12:23	0.052	0.017
6/25/2024 12:24	0.05	0.017
6/25/2024 12:25	0.058	0.018
6/25/2024 12:26	0.054	0.017
6/25/2024 12:27	0.058	0.017
6/25/2024 12:28	0.055	0.017
6/25/2024 12:29	0.06	0.017
6/25/2024 12:30	0.07	0.017
6/25/2024 12:31	0.074	0.017
6/25/2024 12:32	0.086	0.017
6/25/2024 12:33	0.078	0.017
6/25/2024 12:34	0.07	0.017
6/25/2024 12:35	0.076	0.017
6/25/2024 12:36	0.08	0.018
6/25/2024 12:37	0.074	0.018
6/25/2024 12:38	0.078	0.017
6/25/2024 12:39	0.081	0.017
6/25/2024 12:40	0.074	0.017
6/25/2024 12:41	0.079	0.019
6/25/2024 12:42	0.076	0.018
6/25/2024 12:43	0.074	0.016
6/25/2024 12:44	0.074	0.015
6/25/2024 12:45	0.075	0.015
6/25/2024 12:46	0.076	0.015
6/25/2024 12:47	0.075	0.015
6/25/2024 12:48	0.077	0.015

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 12:49	0.073	0.015
6/25/2024 12:50	0.072	0.015
6/25/2024 12:51	0.076	0.016
6/25/2024 12:52	0.073	0.015
6/25/2024 12:53	0.073	0.015
6/25/2024 12:54	0.07	0.015
6/25/2024 12:55	0.068	0.015
6/25/2024 12:56	0.065	0.015
6/25/2024 12:57	0.062	0.014
6/25/2024 12:58	0.066	0.016
6/25/2024 12:59	0.062	0.015
6/25/2024 13:00	0.063	0.014
6/25/2024 13:01	0.064	0.018
6/25/2024 13:02	0.065	0.017
6/25/2024 13:03	0.061	0.014
6/25/2024 13:04	0.056	0.014
6/25/2024 13:05	0.06	0.014
6/25/2024 13:06	0.056	0.014
6/25/2024 13:07	0.057	0.014
6/25/2024 13:08	0.057	0.014
6/25/2024 13:09	0.062	0.014
6/25/2024 13:10	0.058	0.014
6/25/2024 13:11	0.063	0.014
6/25/2024 13:12	0.05	0.013
6/25/2024 13:13	0.056	0.014
6/25/2024 13:14	0.055	0.014
6/25/2024 13:15	0.05	0.014
6/25/2024 13:16	0.052	0.014
6/25/2024 13:17	0.061	0.013
6/25/2024 13:18	0.055	0.014
6/25/2024 13:19	0.059	0.014
6/25/2024 13:20	0.058	0.015
6/25/2024 13:21	0.058	0.014
6/25/2024 13:22	0.06	0.016
6/25/2024 13:25	0.066	
6/25/2024 13:26	0.066	0.014
6/25/2024 13:27	0.057	0.014
6/25/2024 13:28	0.06	0.014
6/25/2024 13:29	0.064	0.014
6/25/2024 13:30	0.069	0.015
6/25/2024 13:31	0.068	0.015

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 13:32	0.066	0.016
6/25/2024 13:33	0.071	0.015
6/25/2024 13:34	0.072	0.014
6/25/2024 13:35	0.069	0.014
6/25/2024 13:36	0.072	0.014
6/25/2024 13:37	0.074	0.014
6/25/2024 13:38	0.078	0.014
6/25/2024 13:39	0.075	0.015
6/25/2024 13:40	0.079	0.014
6/25/2024 13:41	0.08	0.018
6/25/2024 13:42	0.101	0.017
6/25/2024 13:43	0.084	0.016
6/25/2024 13:44	0.09	0.016
6/25/2024 13:45	0.097	0.015
6/25/2024 13:46	0.1	0.015
6/25/2024 13:47	0.111	0.015
6/25/2024 13:48	0.121	0.016
6/25/2024 13:49	0.115	0.017
6/25/2024 13:50	0.118	0.017
6/25/2024 13:51	0.114	0.017
6/25/2024 13:52	0.117	0.015
6/25/2024 13:53	0.105	0.014
6/25/2024 13:54	0.108	0.015
6/25/2024 13:55	0.107	0.016
6/25/2024 13:56	0.103	0.016
6/25/2024 13:57	0.097	0.016
6/25/2024 13:58	0.09	0.017
6/25/2024 13:59	0.085	0.016
6/25/2024 14:00	0.083	0.015
6/25/2024 14:01	0.089	0.015
6/25/2024 14:02	0.086	0.014
6/25/2024 14:03	0.086	0.017
6/25/2024 14:04	0.087	0.018
6/25/2024 14:05	0.079	0.016
6/25/2024 14:09	0.068	
6/25/2024 14:10	0.053	0.014
6/25/2024 14:11	0.058	0.014
6/25/2024 14:12	0.064	0.015
6/25/2024 14:13	0.059	0.014
6/25/2024 14:14	0.051	0.016
6/25/2024 14:15	0.049	0.021

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 14:16	0.049	0.021
6/25/2024 14:17	0.033	0.021
6/25/2024 14:18	0.04	0.021
6/25/2024 14:19	0.035	0.018
6/25/2024 14:20	0.037	0.016
6/25/2024 14:21	0.037	0.014
6/25/2024 14:22	0.035	0.014
6/25/2024 14:23	0.032	0.015
6/25/2024 14:24	0.034	0.016
6/25/2024 14:25	0.028	0.015
6/25/2024 14:26	0.023	0.013
6/25/2024 14:27	0.018	0.014
6/25/2024 14:28	0.021	0.014
6/25/2024 14:29	0.027	0.014
6/25/2024 14:30	0.021	0.015
6/25/2024 14:31	0.014	0.016
6/25/2024 14:32	0.004	0.016
6/25/2024 14:33	0.001	0.017
6/25/2024 14:34	0	0.014
6/25/2024 14:35	0.002	0.016
6/25/2024 14:36	0	0.016
6/25/2024 14:37	0	0.017
6/25/2024 14:38	0	0.018
6/25/2024 14:39	0	0.018
6/25/2024 14:40	0	0.021
6/25/2024 14:41	0.007	0.021
6/25/2024 14:42	0.001	0.021
6/25/2024 14:43	0	0.019
6/25/2024 14:44	0	0.018
6/25/2024 14:45	0.001	0.019
6/25/2024 14:46	0.004	0.028
6/25/2024 14:47	0	0.024
6/25/2024 14:48	0.006	0.023
6/25/2024 14:49	0	0.022
6/25/2024 14:50	0	0.023
6/25/2024 14:51	0	0.018
6/25/2024 14:52	0	0.017
6/25/2024 14:53	0.003	0.018
6/25/2024 14:54	0	0.018
6/25/2024 14:55	0	0.017
6/25/2024 14:56	0	0.018

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 14:57	0	0.018
6/25/2024 14:58	0	0.017
6/25/2024 14:59	0	0.019
6/25/2024 15:00	0	0.016
6/25/2024 15:01	0	0.016
6/25/2024 15:02	0	0.014
6/25/2024 15:03	0	0.014
6/25/2024 15:04	0	0.014
6/25/2024 15:05	0	0.013
6/25/2024 15:06	0	0.013
6/25/2024 15:07	0	0.013
6/25/2024 15:08	0	0.013
6/25/2024 15:09	0	0.013
6/25/2024 15:10	0	0.014
6/25/2024 15:11	0	0.013
6/25/2024 15:12	0	0.014
6/25/2024 15:13	0	0.014
6/25/2024 15:14	0	0.014
6/25/2024 15:15	0	0.014
6/25/2024 15:16	0	0.014
6/25/2024 15:17	0	0.014
6/25/2024 15:18	0	0.014
6/25/2024 15:19	0	0.014
6/25/2024 15:20	0	0.015
6/25/2024 15:21	0	0.014
6/25/2024 15:22	0	0.015
6/25/2024 15:23	0	0.015
6/25/2024 15:24	0	0.015
6/25/2024 15:25	0	0.015
6/25/2024 15:26	0	0.015
6/25/2024 15:27	0	0.015
6/25/2024 15:28	0	0.014
6/25/2024 15:29	0	0.015
6/25/2024 15:30	0	0.015
6/25/2024 15:31	0	0.013
6/25/2024 15:32	0	0.013
6/25/2024 15:33	0	0.014
6/25/2024 15:34	0	0.013
6/25/2024 15:35	0	0.013
6/25/2024 15:36	0	0.013
6/25/2024 15:37	0	0.012

Downwind CAMP Data

Device	RAE RS232(A) 2B553545	DustTrak RS232(C) 2B553545
Timestamp (America/New_York)	VOC (ppm)	Mass Conc. Total (mg/m³)
6/25/2024 15:38	0	0.013
6/25/2024 15:39	0	0.013
6/25/2024 15:40	0	0.012
6/25/2024 15:41	0	0.012
6/25/2024 15:42	0	0.012
6/25/2024 15:43	0	0.012
6/25/2024 15:44	0	0.012
6/25/2024 15:45	0	0.012
6/25/2024 15:46	0	0.012
6/25/2024 15:47	0	0.012
6/25/2024 15:48	0	0.012
6/25/2024 15:49	0	0.012
6/25/2024 15:50	0	0.012
6/25/2024 15:51	0.002	0.012
6/25/2024 15:52	0	0.011
6/25/2024 15:53	0.005	0.011
6/25/2024 15:54	0.01	0.011
6/25/2024 15:55	0.023	0.011
6/25/2024 15:56	0.029	0.011
6/25/2024 15:57	0.031	0.011
6/25/2024 15:58	0.036	0.011
6/25/2024 15:59	0.034	0.016
6/25/2024 16:00	0.049	0.058
6/25/2024 16:01	0.045	0.058
6/25/2024 16:02	0.047	0.058
6/25/2024 16:03	0.048	0.058
6/25/2024 16:04	0.049	0.058
6/25/2024 16:05	0.052	0.058
6/25/2024 16:06	0.056	0.058
6/25/2024 16:07	0.055	0.058
6/25/2024 16:08	0.066	0.058
6/25/2024 16:09	0.049	0.058
6/25/2024 16:10	0.064	0.058

LaBella
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DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 06/25/2024 06:30

Description of Work: Oversight and CAMP Monitoring. Utility pole excavtion.
Site Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

_____

Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

_____

Site Specific Health & Safety Topics Discussed:_____

_____

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Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	6/25/2024
Chris Finn	Labella	Chris Finn	6/25/2024

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 9
700 Delaware Avenue, Buffalo, NY 14209
P: (716) 851-7220 | F: (716) 851-7226
www.dec.ny.gov

June 25, 2024

Andy Janik
LaBella Associates
300 Pearl Street, Suite 130
Buffalo, New York 14202

Dear Andy Janik:

Site Management (SM) –
Import Request
ExxonMobil Oil Former Buffalo Terminal OU-3
Buffalo, Erie County, Site No.: **C915201D**

The Department has reviewed your request dated June 24, 2024 to import approximately 100 cubic yards of 2" run-of-crusher from New Enterprise Stone & Lime Co, Inc. Based on the information provided, the request is hereby approved.

The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)5 of DER-10. Therefore, this material may be placed below the demarcation barrier or above the demarcation layer as part of final site cover.

Testing in accordance with DER-10 and approval by the Department is required for any additional material imported from this source.

If you have any questions, please contact me at 716-851-7220 or email: megan.kuczka@dec.ny.gov.

Sincerely,

Megan Kuczka
Environmental Program Specialist – 1

MK/ds

ec: Megan Drean, Inovateus
Todd Collins, Inovateus
Christopher Finn, LaBella Associates
Brent Miller, LaBella Associates
Matthew Pearson, Elk Street Commerce Park, LLC

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar Utility Pole Installation	**DATE:**	6/26/2024
LaBella JOB NO.:	#2241401	**Day of Week:**	S M T **W** T F S
CLIENT:	Elk Street Commerce Park	**I.R. No.:**	----------
CONTRACTOR:	LaBella	**Sheet No.**	1 **of** 1
	Chris Finn, Brent Miller, Ben Napieralski - LaBella		
PHOTOS TAKEN:	YES	**Weather:**	
		Sun **AM**	Sun **PM**
		Temperature:	
		70s **AM**	70s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED

0800 LaBella on-site, no sub-surface work occurring today.

0830 Work to remove concrete forms using a skid-steer and pry bar has begun.

1000 Concrete form removal on-going.

1030 Waste characterization sampling of the soil stockpile collected.

1200 Break for lunch

1300 Concrete form removal continues.

1430 All concrete forms removed.

1600 LaBella off-site

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 06/26/2024 06:30

Description of Work: Oversight and CAMP Monitoring. Utility pole excavtion.
Site Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

_____

Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

_____

Site Specific Health & Safety Topics Discussed:_____

_____

_____

Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	6/26/2024
Chris Finn	Labella	Chris Finn	6/26/2024
Ben Napieralski	Labella	Ben Napieralski	6/26/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	June 27, 2024
LaBella JOB NO.:	2241401	**Day of Week:**	S M T W T F S
CLIENT:	Elk Street Solar	**I.R. No.:**	
CONTRACTOR:	LaBella	**Sheet No.**	1 **of** 1
	Brent Miller-LaBella		
	Ben Napieralski-LaBella		
PHOTOS TAKEN:	No	**Weather:**	
		Sunny **AM**	Sunny **PM**
		Temperature:	
		70s **AM**	80s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED:

0645-LaBella on-site

0700-Tailgate meeting.

0730-Start work for the day. Continue to work on the pole excavations. Prepare materials for the next location.

1200-lunch.

1230-Clean up and grade out the work area. Pick up trash and debris. Secure the poly on the soil pile.

1545-Offsite.

LaBella
Powered by partnership.

Morning Weather Forecast

Current conditions at
Buffalo, Greater Buffalo International Airport (KBUF)
Lat: 42.94°N **Lon:** 78.74°W **Elev:** 709ft.

Light Snow
23°F
-5°C

Humidity	68%
Wind Speed	E 15 mph
Barometer	30.34 in (1028.6 mb)
Dewpoint	14°F (-10°C)
Visibility	5.00 mi
Wind Chill	10°F (-12°C)
Last update	22 Mar 10:54 am EDT

Afternoon Weather Forecast

Current conditions at
Buffalo, Greater Buffalo International Airport (KBUF)
Lat: 42.94°N **Lon:** 78.74°W **Elev:** 709ft.

Light Snow Fog/Mist
24°F
-4°C

Humidity	84%
Wind Speed	NE 9 mph
Barometer	30.24 in (1025.4 mb)
Dewpoint	20°F (-7°C)
Visibility	0.50 mi
Wind Chill	14°F (-10°C)
Last update	22 Mar 1:54 pm EDT

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 06/27/2024 07:00

Description of Work: Utility pole excavtion. **Site**

Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

_____

Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

_____

Site Specific Health & Safety Topics Discussed:_____

_____

_____

Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	6/27/2024
Ben Napieralski	Labella	Ben Napieralski	6/27/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	July 10, 2024
LaBella JOB NO.:	2241401	**Day of Week:**	S M T **W** T F S
CLIENT:	Elk Street Solar	**I.R. No.:**	
CONTRACTOR:	LaBella	**Sheet No.**	1 **of** 1
	Brent Miller – LaBella		
PHOTOS TAKEN:	Yes	**Weather:**	
		Sunny **AM**	Sunny **PM**
		Temperature:	
		70s **AM**	80s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED:

0800-LaBella on-site. Tailgate safety meeting.

Grade the road and area around the electrical ductbank.

1100-Off site.

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 07/10/2024 08:00

Description of Work: Utility pole excavtion. **Site**

Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

_____

Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

_____

Site Specific Health & Safety Topics Discussed:_____

_____

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Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	7/10/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	July 26, 2024
LaBella JOB NO.:	2241401	**Day of Week:**	S M T W T **F** S
CLIENT:	Elk Street Solar	**I.R. No.:**	
CONTRACTOR:	LaBella	**Sheet No.**	1 **of** 1
	Brent Miller – LaBella		
PHOTOS TAKEN:	No	**Weather:**	
			Sunny **AM** Partly Cloudy **PM**
		Temperature:	
			70s **AM** 70s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED:

0800-LaBella on-site. Grade out road near the electrical ductbank and corner of road. This is for the pavers.

15:00-Offsite.

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 07/26/2024 08:00

Description of Work: Utility pole excavtion. **Site**

Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

_____

Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

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Site Specific Health & Safety Topics Discussed:_____

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Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	7/26/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	July 31, 2024
LaBella JOB NO.:	2241401	**Day of Week:**	S M T **W** T F S
CLIENT:	Elk Street Solar	**I.R. No.:**	
CONTRACTOR:	LaBella	**Sheet No.**	1 **of** 1
	Brent Miller – LaBella		
PHOTOS TAKEN:	No	**Weather:**	
		Mostly Cloudy **AM**	Mostly Cloudy **PM**
		Temperature:	
		70s **AM**	70s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED:

0700-LaBella on-site. Grade out road near the electrical ductbank and corner of road. This is for the pavers.

1200-Lunch.

1230-Clear off overburden material for the last pole location.

15:00-Offsite.

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 07/31/2024 07:00

Description of Work: Utility pole excavtion. **Site**

Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

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Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

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Site Specific Health & Safety Topics Discussed:_____

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Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	7/31/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	August 01, 2024
LaBella JOB NO.:	2241401	**Day of Week:**	S M T W T F S
CLIENT:	Elk Street Solar	**I.R. No.:**	
CONTRACTOR:	LaBella	**Sheet No.**	1 **of** 1
	Brent Miller – LaBella		
PHOTOS TAKEN:	No	**Weather:**	
		Mostly Cloudy **AM**	Mostly Cloudy **PM**
		Temperature:	
		70s **AM**	70s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED:

0700-LaBella on-site. Grade out road near the electrical ductbank and corner of road. This is for the pavers.

0800-Clear off overburden material for the last pole location.

0900-Offsite.

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 08/01/2024 07:00

Description of Work: Utility pole excavtion. **Site**

Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

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Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

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Site Specific Health & Safety Topics Discussed:_____

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Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	8/1/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	August 02, 2024
LaBella JOB NO.:	2241401	**Day of Week:**	S M T W T **F** S
CLIENT:	Elk Street Solar	**I.R. No.:**	
CONTRACTOR:	LaBella	**Sheet No.**	1 **of** 1
	Brent Miller – LaBella		
PHOTOS TAKEN:	No	**Weather:**	
			Cloudy **AM** Cloudy **PM**
		Temperature:	
			70s **AM** 70s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED:

0700-LaBella on-site.

Grade for road subbase/restoration, electrical pole installation, grade out road around electrical power ductbank. Oversight of paving contractor for final grade of road for paving.

1500-Offsit

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 08/02/2024 07:00

Description of Work: Utility pole excavtion. **Site**

Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

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Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

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Site Specific Health & Safety Topics Discussed:_____

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Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	8/2/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	August 05, 2024
LaBella JOB NO.:	2241401	**Day of Week:**	S **M** T W T F S
CLIENT:	Elk Street Solar	**I.R. No.:**	
CONTRACTOR:	LaBella	**Sheet No.**	1 **of** 1
	Brent Miller – LaBella		
PHOTOS TAKEN:	No	**Weather:**	
		Partly Cloudy **AM**	Partly Cloudy **PM**
		Temperature:	
		70s **AM**	70s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED:

0600-LaBella on-site.

Paving contractor is onsite and paving binder and topcoat today. Oversight of paving and help with saving location of monitoring well in the road so to not be paved over and lost.

1800-Offsite.

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 08/05/2024 06:00

Description of Work: Utility pole excavtion. Oversight of paving contractor.
Site Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

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Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

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Site Specific Health & Safety Topics Discussed:_____

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Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	8/5/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	August 07, 2024
LaBella JOB NO.:	2241401	**Day of Week:**	S M T W **T** F S
CLIENT:	Elk Street Solar	**I.R. No.:**	
CONTRACTOR:	LaBella	**Sheet No.**	1 **of** 1
	Brent Miller – LaBella		
PHOTOS TAKEN:	No	**Weather:**	
		Mostly Cloudy **AM**	Mostly Cloudy **PM**
		Temperature:	
		70s **AM**	70s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED:

0700-LaBella on-site.

Remove the topcoat of paving and locate MW-OU2-2. Prep for road box. Clean up trash and unused materials from the parking lot.

1300-Offsite.

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 08/07/2024 07:00

Description of Work: Utility pole excavtion. **Site**

Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

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Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

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Site Specific Health & Safety Topics Discussed:_____

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Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	8/7/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	August 08, 2024
LaBella JOB NO.:	2241401	**Day of Week:**	S M T W **T** F S
CLIENT:	Elk Street Solar	**I.R. No.:**	
CONTRACTOR:	LaBella	**Sheet No.**	1 **of** 1
	Brent Miller – LaBella		
PHOTOS TAKEN:	No	**Weather:**	
		Mostly Cloudy **AM**	Mostly Cloudy **PM**
		Temperature:	
		70s **AM**	70s **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED:

0700-LaBella on-site.

Install of new road box on MW-OU2-1 and MW-OU2-2.

1200-Offsite.

LaBella
Powered by partnership.

DAILY SAFETY TAILGATE /TOOLBOX MEETING FORM

Site: Elk Street Solar **Date & Time:** 08/08/2024 07:00

Description of Work: Utility pole excavtion. **Site**

Supervisor: Brent Miller

REQUIRED EMERGENCY RESPONSE ITEMS ON-SITE

☒ HASP	☒ First-Aid Kit	☒ Eye wash bottle/station	☒ Fire Extinguisher

Potential Hazards

☐ Pinch Points	☒ Rotating Equipment	☐ Boom Swing	☐ Hand and Power Tools
☐ Sharps Edges / Impalement	☒ Excavation	☐ Suspended Loads	☐ Spills
☒ Heat/Cold Stress/ Weather	☐ Confined Space	☐ Rigging	☐ Pressure Lines
☐ Handling Rods / Casing	☒ One Call / Underground Utilities	☐ Material Handling/Lifting	☐ Electrical - General
☐ Vibration	☐ Slopes / Terrain	☐ Hot Works	☐ Electrical - Power lines
☐ Repetitive Motion	☒ Vehicle Safety / Traffic	☒ Heavy Equipment	☐ Grout Burns
☒ Noise	☐ Tracking Equipment	☐ Overhead Work	☐ Dust / Mist / Fumes
☐ Pois. Plants / Animals / Insect	☐ Congested Area	☐ Working at Heights	☐ Silica
☒ slippery surf.- icy/wet /muddy	☐ Loading / Unloading Equipment	☒ Trip / Slip / Fall Hazards	☐ Chemical Exposure

Other_____

_____

Required PPE and Safety Precautions

☒ Safety Glasses	☐ Utility One-Call	☐ Crane Mats	☐ Point of Operation Guards
☒ Hard Hat	☐ Personal Fall Arrest System	☐ Taglines	☐ Whipchecks
☒ Safety Boots	☐ Personal Flotation Device	☐ Spotter / Qualified Signal Person	☐ Back-up Alarms
☒ Gloves	☐ Hearing Protection	☐ Lockout-Tagout	☐ Visqueen / Silt Fencing
☒ Safety Vest	☒ Fire Extinguisher	☐ GFCI's	☐ Fuel Containment
☐ Face / Welding Shield	☐ Fire Watch	☐ Confined Space Attendant	☐ Spill Kit
☐ Respirator	☐ Barricades / Warning Signs	☐ Atmospheric Monitoring	☐ Topical Creams / Repellants
☐ FR Clothing	☐ Guardrails / Hole Covers	☐ Ladders Tied off / Spotted	☒ First Aid / Eye Wash

Other_____

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Site Specific Health & Safety Topics Discussed:_____

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Name	Company	Sign	Date
Brent Miller	Labella	Brent Miller	8/8/2024

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	September 23, 2024
LaBella JOB NO.:	2241401	**Day of Week:**	S **M** T W T F S
CLIENT:	Elk Street Solar	**I.R. No.:**	
CONTRACTOR:	LaBella	**Sheet No.**	1 **of** 1
	LaBella/NG/NG Contractor/Nat.Vac./ESG		
PHOTOS TAKEN:	Yes	**Weather:**	Light Rain **AM** Mostly Cloudy **PM**
		Temperature:	65 **AM** 78 **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED:

0640 - LaBella on-site.

Set up CAMP monitoring.

Safety/scope discussion with all parties.

Install of new NG pole within “clean corridor”. Soft dig excavation begins.

1200 - Last pole has been installed.

1400 – All offsite.

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	September 24, 2024
LaBella JOB NO.:	2241401	**Day of Week:**	S M T W T F S
CLIENT:	Elk Street Solar	**I.R. No.:**	
CONTRACTOR:	LaBella	**Sheet No.**	1 **of** 1
	LaBella/Milestone		
PHOTOS TAKEN:	Yes	**Weather:**	Light Rain **AM** / Mostly Cloudy **PM**
		Temperature:	63 **AM** / 75 **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED:

0645 - LaBella on-site. General clean up of debris from pole install on 9/23/24

0830 – Milestone onsite. Discussion of safety/scope. Milestone to feather in sides along new pavement, build access ramp over piping in south-central area of array, rip rap over swale piping, and clean up of wash out pit.

1400 – All offsite.

DAILY INSPECTION REPORT

JOB TITLE:	Elk Street Solar	**DATE:**	September 19, 2024
LaBella JOB NO.:	2241401	**Day of Week:**	S M T W **T** F S
CLIENT:	Elk Street Solar	**I.R. No.:**	
CONTRACTOR:	LaBella	**Sheet No.**	1 **of** 1
	Andy Janik, Carly Repka, Andrew Eaton – LaBella		
	NG subcontractor		
PHOTOS TAKEN:	Yes	**Weather:**	
		Mostly Cloudy **AM**	Mostly Cloudy **PM**
		Temperature:	
		65 **AM**	82 **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED:

0730-LaBella on-site.

Install of new NG pole within “clean corridor”.

1200-Offsite.

Device	RAE RS232(A) 2B256760	RAE RS232(A) 2B256760	RAE RS232(A) 2B256760	RAE RS232(A) 2B256760	RAE RS232(A) 2B256760	DustTrak RS232(C) 2B256760
Timestamp (UTC)	VOC (Peak) (ppm)	VOC (Low) (ppm)	VOC (STEL) (ppm)	VOC (TWA) (ppm)	VOC (ppm)	Total TWA (mg/m³)
9/23/2024 12:09	0.01	0	0	0	0.009	
9/23/2024 12:10	0.016	0	0	0	0.009	
9/23/2024 12:11	0.02	0	0.001	0	0.019	
9/23/2024 12:12	0.021	0	0.002	0	0.013	
9/23/2024 12:13	0.025	0	0.003	0	0.015	
9/23/2024 12:14	0.026	0	0.004	0	0.024	
9/23/2024 12:15	0.027	0	0.006	0	0.022	
9/23/2024 12:16	0.027	0	0.007	0	0.023	
9/23/2024 12:17	0.028	0	0.008	0	0.024	
9/23/2024 12:18	0.036	0	0.01	0	0.028	
9/23/2024 12:19	0.039	0	0.012	0	0.032	
9/23/2024 12:20	0.04	0	0.014	0	0.036	
9/23/2024 12:21	0.04	0	0.016	0	0.031	
9/23/2024 12:22	0.04	0	0.018	0	0.03	
9/23/2024 12:23	0.04	0	0.02	0	0.032	
9/23/2024 12:24	0.04	0	0.022	0	0.035	
9/23/2024 12:25	0.042	0	0.024	0	0.037	
9/23/2024 12:26	0.051	0	0.026	0	0.051	
9/23/2024 12:27	0.061	0	0.028	0	0.055	
9/23/2024 12:28	0.061	0	0.031	0.001	0.052	
9/23/2024 12:29	0.061	0	0.033	0.001	0.048	
9/23/2024 12:30	0.061	0	0.035	0.001	0.061	
9/23/2024 12:31	0.066	0	0.037	0.001	0.066	
9/23/2024 12:32	0.071	0	0.04	0.001	0.064	
9/23/2024 12:33	0.071	0	0.042	0.001	0.06	
9/23/2024 12:34	0.071	0	0.045	0.001	0.067	
9/23/2024 12:35	0.075	0	0.047	0.001	0.072	
9/23/2024 12:36	0.077	0	0.049	0.002	0.075	
9/23/2024 12:37	0.078	0	0.052	0.002	0.07	
9/23/2024 12:38	0.083	0	0.055	0.002	0.079	
9/23/2024 12:39	0.083	0	0.058	0.002	0.079	
9/23/2024 12:40	0.088	0	0.061	0.002	0.081	
9/23/2024 12:41	0.088	0	0.064	0.002	0.082	
9/23/2024 12:42	0.091	0	0.066	0.003	0.089	
9/23/2024 12:43	0.098	0	0.068	0.003	0.096	
9/23/2024 12:44	0.104	0	0.071	0.003	0.095	
9/23/2024 12:45	0.104	0	0.074	0.003	0.091	
9/23/2024 12:46	0.104	0	0.076	0.003	0.098	
9/23/2024 12:47	0.105	0	0.078	0.004	0.105	
9/23/2024 12:48	0.112	0	0.081	0.004	0.106	
9/23/2024 12:49	0.112	0	0.084	0.004	0.109	
9/23/2024 12:50	0.114	0	0.087	0.004	0.11	
9/23/2024 12:51	0.122	0	0.089	0.004	0.122	
9/23/2024 12:52	0.123	0	0.092	0.005	0.117	
9/23/2024 12:53	0.124	0	0.095	0.005	0.119	
9/23/2024 12:54	0.13	0	0.098	0.005	0.122	
9/23/2024 12:55	0.13	0	0.101	0.005	0.124	
9/23/2024 12:56	0.13	0	0.104	0.006	0.124	
9/23/2024 12:57	0.135	0	0.106	0.006	0.132	
9/23/2024 12:58	0.139	0	0.109	0.006	0.135	
9/23/2024 12:59	0.14	0	0.112	0.006	0.14	
9/23/2024 13:00	0.145	0	0.115	0.007	0.137	
9/23/2024 13:01	0.145	0	0.118	0.007	0.138	
9/23/2024 13:02	0.151	0	0.121	0.007	0.141	
9/23/2024 13:03	0.155	0	0.124	0.008	0.151	
9/23/2024 13:04	0.157	0	0.127	0.008	0.148	
9/23/2024 13:05	0.157	0	0.13	0.008	0.15	
9/23/2024 13:06	0.157	0	0.132	0.009	0.15	
9/23/2024 13:07	0.157	0	0.134	0.009	0.15	
9/23/2024 13:08	0.162	0	0.137	0.009	0.156	
9/23/2024 13:09	0.167	0	0.139	0.009	0.167	
9/23/2024 13:10	0.173	0	0.141	0.01	0.173	
9/23/2024 13:11	0.173	0	0.145	0.01	0.166	
9/23/2024 13:12	0.176	0	0.147	0.01	0.174	
9/23/2024 13:13	0.187	0	0.15	0.011	0.179	
9/23/2024 13:14	0.187	0	0.153	0.011	0.169	
9/23/2024 13:15	0.196	0	0.156	0.012	0.193	
9/23/2024 13:16	0.196	0	0.159	0.012	0.194	
9/23/2024 13:17	0.196	0	0.162	0.012	0.185	
9/23/2024 13:18	0.198	0	0.165	0.013	0.197	
9/23/2024 13:19	0.203	0	0.168	0.013	0.196	
9/23/2024 13:20	0.208	0	0.172	0.014	0.205	
9/23/2024 13:21	0.216	0	0.176	0.014	0.209	
9/23/2024 13:22	0.216	0	0.18	0.014	0.208	
9/23/2024 13:23	0.216	0	0.184	0.015	0.213	
9/23/2024 13:24	0.218	0	0.187	0.015	0.21	
9/23/2024 13:25	0.224	0	0.191	0.016	0.224	
9/23/2024 13:26	0.231	0	0.194	0.016	0.225	
9/23/2024 13:27	0.231	0	0.199	0.017	0.228	

9/23/2024 13:28	0.235	0	0.202	0.017	0.226
9/23/2024 13:29	0.237	0	0.206	0.018	0.23
9/23/2024 13:30	0.241	0	0.209	0.018	0.23
9/23/2024 13:31	0.241	0	0.212	0.019	0.238
9/23/2024 13:32	0.244	0	0.215	0.019	0.237
9/23/2024 13:33	0.248	0	0.219	0.02	0.243
9/23/2024 13:34	0.248	0	0.222	0.02	0.239
9/23/2024 13:35	0.25	0	0.224	0.021	0.24
9/23/2024 13:36	0.25	0	0.226	0.021	0.24
9/23/2024 13:37	0.251	0	0.229	0.022	0.248
9/23/2024 13:38	0.252	0	0.231	0.022	0.25
9/23/2024 13:39	0.253	0	0.234	0.023	0.246
9/23/2024 13:40	0.258	0	0.236	0.023	0.254
9/23/2024 13:41	0.263	0	0.238	0.024	0.263
9/23/2024 13:42	0.27	0	0.241	0.024	0.268
9/23/2024 13:43	0.275	0	0.243	0.025	0.272
9/23/2024 13:44	0.275	0	0.246	0.025	0.269
9/23/2024 13:45	0.28	0	0.248	0.026	0.273
9/23/2024 13:46	0.28	0	0.251	0.026	0.272
9/23/2024 13:47	0.281	0	0.253	0.027	0.269
9/23/2024 13:48	0.281	0	0.255	0.028	0.272
9/23/2024 13:49	0.281	0	0.257	0.028	0.272
9/23/2024 13:50	0.282	0	0.26	0.029	0.278
9/23/2024 13:51	0.285	0	0.262	0.029	0.285
9/23/2024 13:52	0.29	0	0.265	0.03	0.29
9/23/2024 13:53	0.29	0	0.267	0.031	0.267
9/23/2024 13:54	0.29	0	0.269	0.031	0.267
9/23/2024 13:55	0.29	0	0.27	0.032	0.265
9/23/2024 13:56	0.29	0	0.271	0.032	0.262
9/23/2024 13:57	0.29	0	0.271	0.033	0.277
9/23/2024 13:58	0.29	0	0.271	0.033	0.269
9/23/2024 13:59	0.29	0	0.272	0.034	0.272
9/23/2024 14:00	0.29	0	0.272	0.034	0.278
9/23/2024 14:01	0.29	0	0.272	0.035	0.283
9/23/2024 14:02	0.29	0	0.273	0.036	0.28
9/23/2024 14:03	0.29	0	0.273	0.036	0.282
9/23/2024 14:04	0.293	0	0.274	0.037	0.28
9/23/2024 14:05	0.296	0	0.275	0.037	0.285
9/23/2024 14:06	0.296	0	0.275	0.038	0.289
9/23/2024 14:07	0.296	0	0.276	0.039	0.29
9/23/2024 14:08	0.298	0	0.276	0.039	0.288
9/23/2024 14:09	0.301	0	0.277	0.04	0.299
9/23/2024 14:10	0.303	0	0.279	0.04	0.289
9/23/2024 14:11	0.303	0	0.281	0.041	0.294
9/23/2024 14:12	0.303	0	0.283	0.042	0.302
9/23/2024 14:13	0.304	0	0.285	0.042	0.3
9/23/2024 14:14	0.307	0	0.286	0.043	0.304
9/23/2024 14:15	0.311	0	0.288	0.043	0.306
9/23/2024 14:16	0.313	0	0.29	0.044	0.307
9/23/2024 14:17	0.314	0	0.292	0.045	0.306
9/23/2024 14:18	0.314	0	0.294	0.045	0.313
9/23/2024 14:19	0.316	0	0.295	0.046	0.316
9/23/2024 14:20	0.316	0	0.297	0.047	0.307
9/23/2024 14:21	0.318	0	0.299	0.047	0.318
9/23/2024 14:22	0.323	0	0.3	0.048	0.316
9/23/2024 14:23	0.323	0	0.302	0.049	0.314
9/23/2024 14:24	0.327	0	0.304	0.049	0.327
9/23/2024 14:25	0.329	0	0.306	0.05	0.324
9/23/2024 14:26	0.329	0	0.308	0.051	0.321
9/23/2024 14:27	0.329	0	0.309	0.051	0.313
9/23/2024 14:28	0.33	0	0.31	0.052	0.33
9/23/2024 14:29	0.334	0	0.312	0.053	0.334
9/23/2024 14:30	0.338	0	0.314	0.053	0.326
9/23/2024 14:31	0.338	0	0.315	0.054	0.332
9/23/2024 14:32	0.338	0	0.317	0.055	0.335
9/23/2024 14:33	0.341	0	0.319	0.055	0.332
9/23/2024 14:34	0.341	0	0.321	0.056	0.331
9/23/2024 14:35	0.341	0	0.322	0.057	0.327
9/23/2024 14:36	0.341	0	0.323	0.057	0.335
9/23/2024 14:37	0.346	0	0.325	0.058	0.34
9/23/2024 14:38	0.349	0	0.326	0.059	0.347
9/23/2024 14:39	0.349	0	0.328	0.06	0.346
9/23/2024 14:40	0.351	0	0.329	0.06	0.342
9/23/2024 14:41	0.351	0	0.331	0.061	0.34
9/23/2024 14:42	0.354	0	0.332	0.062	0.342
9/23/2024 14:43	0.363	0	0.334	0.062	0.358
9/23/2024 14:44	0.363	0	0.336	0.063	0.349
9/23/2024 14:45	0.363	0	0.338	0.064	0.357
9/23/2024 14:46	0.363	0	0.339	0.065	0.36
9/23/2024 14:47	0.363	0	0.341	0.065	0.35
9/23/2024 14:48	0.363	0	0.342	0.066	0.345

9/23/2024 14:49	0.363	0	0.343	0.067	0.354
9/23/2024 14:50	0.363	0	0.345	0.068	0.353
9/23/2024 14:51	0.368	0	0.346	0.068	0.36
9/23/2024 14:52	0.372	0	0.348	0.069	0.369
9/23/2024 14:53	0.372	0	0.35	0.07	0.361
9/23/2024 14:54	0.374	0	0.351	0.071	0.36
9/23/2024 14:55	0.378	0	0.353	0.071	0.367
9/23/2024 14:56	0.378	0	0.354	0.072	0.367
9/23/2024 14:57	0.378	0	0.356	0.073	0.371
9/23/2024 14:58	0.378	0	0.358	0.074	0.375
9/23/2024 14:59	0.381	0	0.359	0.074	0.372
9/23/2024 15:00	0.386	0	0.36	0.075	0.381
9/23/2024 15:01	0.391	0	0.362	0.076	0.384
9/23/2024 15:02	0.391	0	0.364	0.077	0.379
9/23/2024 15:03	0.391	0	0.366	0.078	0.384
9/23/2024 15:04	0.392	0	0.368	0.078	0.392
9/23/2024 15:05	0.401	0	0.37	0.079	0.398
9/23/2024 15:06	0.405	0	0.373	0.08	0.399
9/23/2024 15:07	0.413	0	0.376	0.081	0.409
9/23/2024 15:08	0.416	0	0.379	0.082	0.409
9/23/2024 15:09	0.423	0	0.382	0.082	0.417
9/23/2024 15:10	0.43	0	0.386	0.083	0.425
9/23/2024 15:11	0.431	0	0.389	0.084	0.425
9/23/2024 15:12	0.431	0	0.393	0.085	0.422
9/23/2024 15:13	0.431	0	0.396	0.086	0.421
9/23/2024 15:14	0.437	0	0.4	0.087	0.427
9/23/2024 15:15	0.437	0	0.404	0.088	0.43
9/23/2024 15:16	0.437	0	0.407	0.089	0.432
9/23/2024 15:17	0.441	0	0.41	0.09	0.438
9/23/2024 15:18	0.441	0	0.414	0.09	0.428
9/23/2024 15:19	0.446	0	0.417	0.091	0.436
9/23/2024 15:20	0.449	0	0.421	0.092	0.441
9/23/2024 15:21	0.449	0	0.424	0.093	0.437
9/23/2024 15:22	0.449	0	0.426	0.094	0.441
9/23/2024 15:23	0.451	0	0.428	0.095	0.445
9/23/2024 15:24	0.452	0	0.43	0.096	0.444
9/23/2024 15:25	0.46	0	0.432	0.097	0.453
9/23/2024 15:26	0.466	0	0.434	0.098	0.454
9/23/2024 15:27	0.466	0	0.437	0.099	0.454
9/23/2024 15:28	0.466	0	0.439	0.1	0.459
9/23/2024 15:29	0.466	0	0.441	0.101	0.456
9/23/2024 15:30	0.466	0	0.443	0.102	0.453
9/23/2024 15:31	0.466	0	0.445	0.103	0.448
9/23/2024 15:32	0.466	0	0.446	0.103	0.444
9/23/2024 15:33	0.466	0	0.447	0.104	0.453
9/23/2024 15:34	0.466	0	0.447	0.105	0.45
9/23/2024 15:35	0.466	0	0.448	0.106	0.449
9/23/2024 15:36	0.466	0	0.448	0.107	0.445
9/23/2024 15:37	0.466	0	0.448	0.108	0.443
9/23/2024 15:38	0.466	0	0.448	0.109	0.434
9/23/2024 15:39	0.466	0	0.448	0.11	0.44
9/23/2024 15:40	0.466	0	0.447	0.111	0.44
9/23/2024 15:41	0.466	0	0.446	0.112	0.436
9/23/2024 15:42	0.466	0	0.445	0.113	0.438
9/23/2024 15:43	0.466	0	0.444	0.114	0.442
9/23/2024 15:44	0.466	0	0.443	0.115	0.431
9/23/2024 15:45	0.466	0	0.441	0.115	0.432
9/23/2024 15:46	0.466	0	0.44	0.116	0.432
9/23/2024 15:47	0.466	0	0.439	0.117	0.437
9/23/2024 15:48	0.466	0	0.439	0.118	0.44
9/23/2024 15:49	0.466	0	0.438	0.119	0.432
9/23/2024 15:50	0.466	0	0.437	0.12	0.439
9/23/2024 15:51	0.466	0	0.437	0.121	0.438
9/23/2024 15:52	0.466	0	0.436	0.122	0.438
9/23/2024 15:53	0.466	0	0.436	0.123	0.429
9/23/2024 15:54	0.466	0	0.435	0.124	0.429
9/23/2024 15:55	0.466	0	0.435	0.124	0.432
9/23/2024 15:56	0.466	0	0.434	0.125	0.433
9/23/2024 15:57	0.466	0	0.434	0.126	0.434
9/23/2024 15:58	0.466	0	0.434	0.127	0.429
9/23/2024 15:59	0.466	0	0.433	0.128	0.433
9/23/2024 16:00	0.466	0	0.433	0.129	0.428
9/23/2024 16:01	0.466	0	0.433	0.13	0.435
9/23/2024 16:02	0.466	0	0.433	0.131	0.428
9/23/2024 16:03	0.466	0	0.432	0.132	0.434
9/23/2024 16:04	0.466	0	0.432	0.133	0.435
9/23/2024 16:05	0.466	0	0.432	0.133	0.424
9/23/2024 16:06	0.466	0	0.432	0.134	0.432
9/23/2024 16:07	0.466	0	0.432	0.135	0.428
9/23/2024 16:08	0.466	0	0.432	0.136	0.437
9/23/2024 16:09	0.466	0	0.433	0.137	0.421

9/23/2024 16:10	0.466	0	0.432	0.138	0.426
9/23/2024 16:11	0.466	0	0.432	0.139	0.434
9/23/2024 16:12	0.466	0	0.432	0.14	0.433
9/23/2024 16:13	0.466	0	0.432	0.141	0.436
9/23/2024 16:14	0.466	0	0.432	0.142	0.44
9/23/2024 16:15	0.466	0	0.432	0.142	0.432
9/23/2024 16:16	0.466	0	0.432	0.143	0.44
9/23/2024 16:17	0.466	0	0.433	0.144	0.438
9/23/2024 16:18	0.466	0	0.433	0.145	0.433
9/23/2024 16:19	0.466	0	0.433	0.146	0.441
9/23/2024 16:20	0.466	0	0.434	0.147	0.442
9/23/2024 16:21	0.466	0	0.435	0.148	0.451
9/23/2024 16:22	0.466	0	0.435	0.149	0.448
9/23/2024 16:23	0.466	0	0.436	0.15	0.44
9/23/2024 16:24	0.466	0	0.437	0.151	0.441
9/23/2024 16:25	0.466	0	0.438	0.152	0.438
9/23/2024 16:26	0.466	0	0.438	0.153	0.437
9/23/2024 16:27	0.466	0	0.439	0.154	0.444
9/23/2024 16:28	0.466	0	0.44	0.154	0.436
9/23/2024 16:29	0.466	0	0.44	0.155	0.441
9/23/2024 16:30	0.466	0	0.441	0.156	0.451
9/23/2024 16:31	0.466	0	0.441	0.157	0.451
9/23/2024 16:32	0.466	0	0.442	0.158	0.443
9/23/2024 16:33	0.466	0	0.443	0.159	0.444
9/23/2024 16:34	0.466	0	0.443	0.16	0.451
9/23/2024 16:35	0.466	0	0.444	0.161	0.443
9/23/2024 16:36	0.466	0	0.444	0.162	0.441
9/23/2024 16:37	0.466	0	0.444	0.163	0.442
9/23/2024 16:38	0.466	0	0.444	0.164	0.443
9/23/2024 16:39	0.466	0	0.444	0.165	0.448
9/23/2024 16:40	0.466	0	0.444	0.166	0.451
9/23/2024 16:41	0.466	0	0.444	0.166	0.448
9/23/2024 16:42	0.466	0	0.445	0.167	0.449
9/23/2024 16:43	0.466	0	0.445	0.168	0.446
9/23/2024 16:44	0.466	0	0.445	0.169	0.451
9/23/2024 16:45	0.466	0	0.445	0.17	0.452
9/23/2024 16:46	0.466	0	0.446	0.171	0.442
9/23/2024 16:47	0.466	0	0.446	0.172	0.447
9/23/2024 16:48	0.466	0	0.445	0.173	0.45
9/23/2024 16:49	0.466	0	0.445	0.174	0.454
9/23/2024 16:50	0.466	0	0.446	0.175	0.454
9/23/2024 16:51	0.466	0	0.446	0.176	0.457
9/23/2024 16:52	0.471	0	0.447	0.177	0.461
9/23/2024 16:53	0.471	0	0.448	0.178	0.46
9/23/2024 16:54	0.471	0	0.449	0.179	0.462
9/23/2024 16:55	0.471	0	0.451	0.18	0.455
9/23/2024 16:56	0.471	0	0.452	0.181	0.463
9/23/2024 16:57	0.471	0	0.453	0.182	0.465
9/23/2024 16:58	0.475	0	0.454	0.183	0.474
9/23/2024 16:59	0.527	0	0.456	0.184	0.51
9/23/2024 17:00	0.527	0	0.459	0.185	0.482
9/23/2024 17:01	0.527	0	0.461	0.186	0.476
9/23/2024 17:02	0.527	0	0.463	0.187	0.473
9/23/2024 17:03	0.527	0	0.465	0.188	0.479
9/23/2024 17:04	0.527	0	0.467	0.189	0.478
9/23/2024 17:05	0.527	0	0.468	0.19	0.469
9/23/2024 17:06	0.527	0	0.469	0.191	0.475
9/23/2024 17:07	0.527	0	0.47	0.191	0.477
9/23/2024 17:08	0.527	0	0.471	0.192	0.472
9/23/2024 17:09	0.527	0	0.472	0.193	0.473
9/23/2024 17:10	0.527	0	0.473	0.194	0.482
9/23/2024 17:11	0.527	0	0.475	0.195	0.476
9/23/2024 17:12	0.527	0	0.475	0.196	0.471
9/23/2024 17:13	0.527	0	0.476	0.197	0.475
9/23/2024 17:14	0.527	0	0.477	0.198	0.479
9/23/2024 17:15	0.527	0	0.475	0.199	0.48
9/23/2024 17:16	0.527	0	0.475	0.2	0.479
9/23/2024 17:17	0.527	0	0.476	0.201	0.486
9/23/2024 17:18	0.527	0	0.476	0.202	0.483
9/23/2024 17:19	0.527	0	0.477	0.203	0.486
9/23/2024 17:20	0.527	0	0.478	0.204	0.482
9/23/2024 17:21	0.527	0	0.479	0.205	0.493
9/23/2024 17:22	0.527	0	0.48	0.206	0.491
9/23/2024 17:23	0.527	0	0.48	0.208	0.502
9/23/2024 17:24	0.527	0	0.482	0.209	0.501
9/23/2024 17:25	0.527	0	0.483	0.21	0.511
9/23/2024 17:26	0.527	0	0.485	0.211	0.501
9/23/2024 17:27	0.527	0	0.487	0.212	0.495
9/23/2024 17:28	0.527	0	0.488	0.213	0.499
9/23/2024 17:29	0.527	0	0.49	0.214	0.501
9/23/2024 17:30	0.527	0	0.491	0.215	0.496

9/23/2024 17:31	0.527	0	0.492	0.216	0.5
9/23/2024 17:32	0.527	0	0.493	0.217	0.494
9/23/2024 17:33	0.527	0	0.494	0.218	0.502
9/23/2024 17:34	0.527	0	0.495	0.219	0.497
9/23/2024 17:35	0.527	0	0.496	0.22	0.498
9/23/2024 17:36	0.527	0	0.497	0.221	0.494
9/23/2024 17:37	0.527	0	0.497	0.222	0.495
9/23/2024 17:38	0.527	0	0.498	0.223	0.497
9/23/2024 17:39	0.527	0	0.498	0.224	0.496
9/23/2024 17:40	0.527	0	0.498	0.225	0.499
9/23/2024 17:41	0.527	0	0.497	0.226	0.511
9/23/2024 17:42	0.527	0	0.498	0.227	0.509
9/23/2024 17:43	0.527	0	0.498	0.228	0.513
9/23/2024 17:44	0.527	0	0.499	0.229	0.516
9/23/2024 17:45	0.527	0	0.5	0.23	0.508
9/23/2024 17:46	0.527	0	0.501	0.231	0.513
9/23/2024 17:47	0.527	0	0.502	0.233	0.523
9/23/2024 17:48	0.527	0	0.503	0.234	0.517
9/23/2024 17:49	0.527	0	0.504	0.235	0.52
9/23/2024 17:50	0.527	0	0.506	0.236	0.516
9/23/2024 17:51	0.527	0	0.507	0.237	0.526
9/23/2024 17:52	0.534	0	0.509	0.238	0.532
9/23/2024 17:53	0.539	0	0.512	0.239	0.534
9/23/2024 17:54	0.543	0	0.514	0.24	0.54
9/23/2024 17:55	0.553	0	0.517	0.241	0.548
9/23/2024 17:56	0.554	0	0.52	0.242	0.546
9/23/2024 17:57	0.554	0	0.522	0.244	0.545
9/23/2024 17:58	0.555	0	0.525	0.245	0.547
9/23/2024 17:59	0.555	0	0.527	0.246	0.545
9/23/2024 18:00	0.557	0	0.529	0.247	0.549
9/23/2024 18:01	0.569	0	0.532	0.248	0.555
9/23/2024 18:02	0.569	0	0.535	0.249	0.553
9/23/2024 18:03	0.569	0	0.538	0.25	0.555
9/23/2024 18:04	0.569	0	0.54	0.252	0.557
9/23/2024 18:05	0.569	0	0.543	0.253	0.559
9/23/2024 18:06	0.569	0	0.546	0.254	0.564
9/23/2024 18:07	0.569	0	0.548	0.255	0.558
9/23/2024 18:08	0.569	0	0.55	0.256	0.558
9/23/2024 18:09	0.569	0	0.552	0.257	0.564
9/23/2024 18:10	0.584	0	0.553	0.259	0.58
9/23/2024 18:11	0.584	0	0.555	0.26	0.582
9/23/2024 18:12	0.589	0	0.557	0.261	0.571
9/23/2024 18:13	0.589	0	0.559	0.262	0.57
9/23/2024 18:14	0.589	0	0.561	0.263	0.567
9/23/2024 18:15	0.589	0	0.563	0.265	0.561
9/23/2024 18:16	0.589	0	0.564	0.266	0.575
9/23/2024 18:17	0.589	0	0.565	0.267	0.569
9/23/2024 18:18	0.589	0	0.565	0.268	0.569
9/23/2024 18:19	0.589	0	0.566	0.269	0.571
9/23/2024 18:20	0.589	0	0.567	0.271	0.58
9/23/2024 18:21	0.589	0	0.569	0.272	0.568
9/23/2024 18:22	0.589	0	0.569	0.273	0.57
9/23/2024 18:23	0.589	0	0.57	0.274	0.575
9/23/2024 18:24	0.589	0	0.572	0.275	0.579
9/23/2024 18:25	0.589	0	0.573	0.277	0.579
9/23/2024 18:26	0.589	0	0.573	0.278	0.58
9/23/2024 18:27	0.589	0	0.573	0.279	0.578
9/23/2024 18:28	0.589	0	0.573	0.28	0.576
9/23/2024 18:29	0.593	0	0.573	0.281	0.59
9/23/2024 18:30	0.593	0	0.575	0.283	0.581
9/23/2024 18:31	0.593	0	0.576	0.284	0.591
9/23/2024 18:32	0.594	0	0.577	0.285	0.589
9/23/2024 18:33	0.594	0	0.578	0.286	0.59
9/23/2024 18:34	0.595	0	0.579	0.287	0.592
9/23/2024 18:35	0.598	0	0.58	0.289	0.598
9/23/2024 18:36	0.599	0	0.581	0.29	0.592
9/23/2024 18:37	0.6	0	0.582	0.291	0.59
9/23/2024 18:38	0.604	0	0.583	0.292	0.6
9/23/2024 18:39	0.604	0	0.585	0.294	0.601
9/23/2024 18:40	0.607	0	0.586	0.295	0.607
9/23/2024 18:41	0.611	0	0.588	0.296	0.603
9/23/2024 18:42	0.611	0	0.59	0.297	0.603
9/23/2024 18:43	0.613	0	0.591	0.299	0.606
9/23/2024 18:44	0.626	0	0.593	0.3	0.607
9/23/2024 18:45	0.626	0	0.595	0.301	0.607
9/23/2024 18:46	0.626	0	0.596	0.302	0.605
9/23/2024 18:47	0.626	0	0.597	0.304	0.598
9/23/2024 18:48	0.626	0	0.598	0.305	0.603
9/23/2024 18:49	0.626	0	0.599	0.306	0.6
9/23/2024 18:50	0.626	0	0.6	0.307	0.609
9/23/2024 18:51	0.626	0	0.601	0.309	0.612

9/23/2024 18:52	0.626	0	0.602	0.31	0.621	
9/23/2024 18:53	0.63	0	0.603	0.311	0.622	
9/23/2024 18:54	0.631	0	0.605	0.313	0.622	
9/23/2024 18:55	0.631	0	0.607	0.314	0.624	
9/23/2024 18:56	0.633	0	0.609	0.315	0.632	
9/23/2024 18:57	0.636	0	0.61	0.316	0.629	
9/23/2024 18:58	0.639	0	0.612	0.318	0.636	
9/23/2024 18:59	0.639	0	0.614	0.319	0.631	
9/23/2024 19:00	0.644	0	0.615	0.32	0.636	
9/23/2024 19:01	0.644	0	0.618	0.322	0.639	
9/23/2024 19:02	0.644	0	0.62	0.323	0.636	
9/23/2024 19:03	0.644	0	0.622	0.324	0.635	
9/23/2024 19:04	0.649	0	0.625	0.326	0.644	
9/23/2024 19:05	0.65	0	0.627	0.327	0.646	
9/23/2024 19:06	0.65	0	0.63	0.328	0.643	
9/23/2024 19:07	0.651	0	0.632	0.33	0.647	
9/23/2024 19:08	0.652	0	0.634	0.331	0.645	
9/23/2024 19:09	0.657	0	0.636	0.332	0.648	
9/23/2024 19:10	0.657	0	0.637	0.334	0.649	
9/23/2024 19:11	0.657	0	0.639	0.335	0.648	
9/23/2024 19:12	0.657	0	0.64	0.336	0.651	
9/23/2024 19:13	0.657	0	0.641	0.338	0.645	
9/23/2024 19:14	0.657	0	0.642	0.339	0.645	
9/23/2024 19:15	0.657	0	0.643	0.341	0.642	
9/23/2024 19:16	0.657	0	0.643	0.342	0.648	
9/23/2024 19:17	0.658	0	0.644	0.343	0.651	
9/23/2024 19:18	0.658	0	0.645	0.345	0.64	
9/23/2024 19:19	0.658	0	0.645	0.346	0.642	
9/23/2024 19:20	0.658	0	0.646	0.347	0.654	
9/23/2024 19:21	0.658	0	0.646	0.349	0.649	
9/23/2024 19:22	0.658	0	0.646	0.35	0.642	
9/23/2024 19:23	0.658	0	0.646	0.351	0.646	
9/23/2024 19:24	0.658	0	0.646	0.353	0.644	
9/23/2024 19:25	0.658	0	0.646	0.354	0.64	
9/23/2024 19:26	0.658	0	0.645	0.355	0.634	
9/23/2024 19:27	0.658	0	0.645	0.357	0.644	
9/23/2024 19:28	0.658	0	0.644	0.358	0.641	
9/23/2024 19:29	0.658	0	0.644	0.359	0.647	
9/23/2024 19:30	0.658	0	0.644	0.361	0.641	
9/23/2024 19:31	0.658	0	0.644	0.362	0.643	
9/23/2024 19:32	0.658	0	0.644	0.363	0.644	
9/23/2024 19:33	0.658	0	0.643	0.365	0.633	
9/23/2024 19:34	0.658	0	0.642	0.366	0.637	
9/23/2024 19:35	0.658	0	0.642	0.367	0.631	
9/23/2024 19:36	0.658	0	0.641	0.369	0.636	
9/23/2024 19:37	0.658	0	0.64	0.37	0.631	
9/23/2024 19:38	0.658	0	0.639	0.371	0.636	
9/23/2024 19:39	0.658	0	0.638	0.373	0.637	
9/23/2024 19:40	0.658	0	0.637	0.374	0.635	
9/23/2024 19:41	0.658	0	0.637	0.375	0.633	
9/23/2024 19:42	0.658	0	0.637	0.377	0.637	
9/23/2024 19:43	0.658	0	0.636	0.378	0.641	
9/23/2024 19:44	0.658	0	0.636	0.379	0.638	
9/23/2024 19:45	0.658	0	0.635	0.381	0.64	
9/23/2024 19:46	0.658	0	0.635	0.382	0.637	
9/23/2024 19:47	0.658	0	0.635	0.383	0.635	
9/23/2024 19:48	0.658	0	0.635	0.385	0.634	
9/23/2024 19:49	0.658	0	0.635	0.386	0.635	
9/23/2024 19:50	0.658	0	0.635	0.387	0.642	
9/23/2024 19:51	0.658	0	0.636	0.388	0.634	
9/23/2024 19:52	0.658	0	0.636	0.39	0.645	
9/23/2024 19:53	0.658	0	0.637	0.391	0.652	
9/23/2024 19:54	0.658	0	0.638	0.393	0.651	
9/23/2024 19:55	0.658	0	0.638	0.394	0.651	
9/23/2024 19:56	0.658	0	0.639	0.395	0.648	
9/24/2024 12:20						0
9/24/2024 12:21	0	0	0	0	0	0
9/24/2024 12:22	0	0	0	0	0	0
9/24/2024 12:23	0	0	0	0	0	0
9/24/2024 12:24	0	0	0	0	0	0
9/24/2024 12:25	0	0	0	0	0	0
9/24/2024 12:26	0	0	0	0	0	0
9/24/2024 12:27	0	0	0	0	0	0
9/24/2024 12:28	0	0	0	0	0	0
9/24/2024 12:29	0	0	0	0	0	0
9/24/2024 12:30	0	0	0	0	0	0
9/24/2024 12:31	0	0	0	0	0	0
9/24/2024 12:32	0	0	0	0	0	0
9/24/2024 12:33	0	0	0	0	0	0
9/24/2024 12:34	0	0	0	0	0	0
9/24/2024 12:35	0	0	0	0	0	0

9/24/2024 12:36	0	0	0	0	0	0
9/24/2024 12:37	0	0	0	0	0	0
9/24/2024 12:38	0.003	0	0	0	0	0
9/24/2024 12:39	0.007	0	0	0	0.007	0
9/24/2024 12:40	0.018	0	0	0	0.016	0
9/24/2024 12:41	0.025	0	0.001	0	0.022	0.001
9/24/2024 12:42	0.027	0	0.003	0	0.027	0.001
9/24/2024 12:43	0.033	0	0.004	0	0.03	0.001
9/24/2024 12:44	0.04	0	0.007	0	0.037	0.001
9/24/2024 12:45	0.046	0	0.009	0	0.045	0.001
9/24/2024 12:46	0.051	0	0.012	0	0.048	0.001
9/24/2024 12:47	0.054	0	0.015	0	0.052	0.001
9/24/2024 12:48	0.062	0	0.019	0	0.062	0.001
9/24/2024 12:49	0.071	0	0.023	0	0.066	0.001
9/24/2024 12:50	0.072	0	0.028	0	0.068	0.001
9/24/2024 12:51	0.075	0	0.032	0.001	0.071	0.001
9/24/2024 12:52	0.079	0	0.037	0.001	0.078	0.001
9/24/2024 12:53	0.086	0	0.042	0.001	0.084	0.001
9/24/2024 12:54	0.092	0	0.048	0.001	0.087	0.001
9/24/2024 12:55	0.095	0	0.053	0.001	0.092	0.001
9/24/2024 12:56	0.099	0	0.058	0.001	0.093	0.001
9/24/2024 12:57	0.103	0	0.063	0.002	0.101	0.001
9/24/2024 12:58	0.108	0	0.068	0.002	0.105	0.001
9/24/2024 12:59	0.112	0	0.073	0.002	0.11	0.001
9/24/2024 13:00	0.114	0	0.078	0.002	0.112	0.001
9/24/2024 13:01	0.123	0	0.082	0.002	0.119	0.001
9/24/2024 13:02	0.127	0	0.087	0.003	0.12	0.001
9/24/2024 13:03	0.127	0	0.091	0.003	0.124	0.001
9/24/2024 13:04	0.129	0	0.095	0.003	0.129	0.001
9/24/2024 13:05	0.135	0	0.1	0.004	0.133	0.001
9/24/2024 13:06	0.137	0	0.104	0.004	0.131	0.001
9/24/2024 13:07	0.161	0	0.108	0.004	0.135	0.001
9/24/2024 13:08	0.161	0	0.112	0.004	0.135	0.001
9/24/2024 13:09	0.161	0	0.116	0.005	0.149	0.001
9/24/2024 13:10	0.161	0	0.12	0.005	0.148	0.001
9/24/2024 13:11	0.161	0	0.123	0.005	0.15	0.001
9/24/2024 13:12	0.161	0	0.127	0.006	0.159	0.001
9/24/2024 13:13	0.173	0	0.131	0.006	0.173	0.001
9/24/2024 13:14	0.178	0	0.136	0.006	0.169	0.001
9/24/2024 13:15	0.178	0	0.14	0.007	0.168	0.001
9/24/2024 13:16	0.178	0	0.143	0.007	0.167	0.001
9/24/2024 13:17	0.185	0	0.147	0.007	0.169	0.001
9/24/2024 13:18	0.185	0	0.15	0.008	0.173	0.001
9/24/2024 13:19	0.185	0	0.153	0.008	0.181	0.001
9/24/2024 13:20	0.187	0	0.157	0.008	0.181	0.001
9/24/2024 13:21	0.193	0	0.16	0.009	0.191	0.001
9/24/2024 13:22	0.193	0	0.163	0.009	0.177	0.001
9/24/2024 13:23	0.193	0	0.166	0.01	0.189	0.001
9/24/2024 13:24	0.196	0	0.17	0.01	0.19	0.001
9/24/2024 13:25	0.196	0	0.172	0.01	0.196	0.001
9/24/2024 13:26	0.2	0	0.175	0.011	0.198	0.001
9/24/2024 13:27	0.201	0	0.178	0.011	0.198	0.001
9/24/2024 13:28	0.205	0	0.181	0.012	0.2	0.001
9/24/2024 13:29	0.21	0	0.183	0.012	0.205	0.001
9/24/2024 13:30	0.212	0	0.185	0.012	0.207	0.001
9/24/2024 13:31	0.212	0	0.188	0.013	0.203	0.001
9/24/2024 13:32	0.213	0	0.19	0.013	0.212	0.001
9/24/2024 13:33	0.216	0	0.193	0.014	0.209	0.001
9/24/2024 13:34	0.216	0	0.195	0.014	0.214	0.001
9/24/2024 13:35	0.22	0	0.197	0.015	0.22	0.001
9/24/2024 13:36	0.222	0	0.2	0.015	0.222	0.001
9/24/2024 13:37	0.232	0	0.202	0.016	0.23	0.001
9/24/2024 13:38	0.235	0	0.205	0.016	0.23	0.001
9/24/2024 13:39	0.235	0	0.208	0.016	0.229	0.001
9/24/2024 13:40	0.237	0	0.21	0.017	0.236	0.001
9/24/2024 13:41	0.24	0	0.213	0.017	0.238	0.001
9/24/2024 13:42	0.294	0	0.216	0.018	0.228	0.002
9/24/2024 13:43	0.294	0	0.218	0.018	0.237	0.002
9/24/2024 13:44	0.294	0	0.221	0.019	0.244	0.002
9/24/2024 13:45	0.294	0	0.223	0.019	0.245	0.002
9/24/2024 13:46	0.294	0	0.226	0.02	0.247	0.002
9/24/2024 13:47	0.294	0	0.229	0.02	0.247	0.002
9/24/2024 13:48	0.294	0	0.231	0.021	0.252	0.002
9/24/2024 13:49	0.294	0	0.234	0.021	0.251	0.002
9/24/2024 13:50	0.309	0	0.237	0.022	0.253	0.002
9/24/2024 13:51	0.309	0	0.24	0.023	0.255	0.002
9/24/2024 13:52	0.309	0	0.242	0.023	0.269	0.002
9/24/2024 13:53	0.309	0	0.245	0.024	0.275	0.002
9/24/2024 13:54	0.309	0	0.248	0.024	0.27	0.002
9/24/2024 13:55	0.309	0	0.251	0.025	0.274	0.002
9/24/2024 13:56	0.309	0	0.254	0.025	0.275	0.002

9/24/2024 13:57	0.309	0	0.256	0.026	0.267	0.002
9/24/2024 13:58	0.309	0	0.258	0.026	0.276	0.002
9/24/2024 13:59	0.309	0	0.261	0.027	0.274	0.002
9/24/2024 14:00	0.309	0	0.263	0.028	0.28	0.002
9/24/2024 14:01	0.309	0	0.265	0.028	0.291	0.002
9/24/2024 14:02	0.309	0	0.268	0.029	0.287	0.002
9/24/2024 14:03	0.309	0	0.27	0.029	0.292	0.002
9/24/2024 14:04	0.309	0	0.273	0.03	0.299	0.002
9/24/2024 14:05	0.309	0	0.276	0.031	0.297	0.002
9/24/2024 14:06	0.309	0	0.279	0.031	0.293	0.002
9/24/2024 14:07	0.309	0	0.281	0.032	0.293	0.002
9/24/2024 14:08	0.309	0	0.282	0.032	0.292	0.002
9/24/2024 14:09	0.309	0	0.284	0.033	0.299	0.002
9/24/2024 14:10	0.309	0	0.286	0.034	0.303	0.002
9/24/2024 14:11	0.309	0	0.288	0.034	0.307	0.002
9/24/2024 14:12	0.312	0	0.29	0.035	0.299	0.002
9/24/2024 14:13	0.312	0	0.292	0.036	0.305	0.002
9/24/2024 14:14	0.318	0	0.294	0.036	0.316	0.002
9/24/2024 14:15	0.324	0	0.297	0.037	0.314	0.002
9/24/2024 14:16	0.33	0	0.299	0.038	0.328	0.002
9/24/2024 14:17	0.33	0	0.301	0.038	0.317	0.002
9/24/2024 14:18	0.33	0	0.303	0.039	0.325	0.002
9/24/2024 14:19	0.33	0	0.305	0.04	0.318	0.002
9/24/2024 14:20	0.33	0	0.306	0.04	0.322	0.002
9/24/2024 14:21	0.33	0	0.308	0.041	0.318	0.002
9/24/2024 14:22	0.33	0	0.31	0.042	0.327	0.002
9/24/2024 14:23	0.334	0	0.313	0.042	0.332	0.002
9/24/2024 14:24	0.338	0	0.315	0.043	0.334	0.002
9/24/2024 14:25	0.342	0	0.317	0.044	0.341	0.002
9/24/2024 14:26	0.345	0	0.32	0.044	0.337	0.002
9/24/2024 14:27	0.359	0	0.322	0.045	0.34	0.002
9/24/2024 14:28	0.359	0	0.325	0.046	0.342	0.002
9/24/2024 14:29	0.359	0	0.328	0.047	0.346	0.002
9/24/2024 14:30	0.359	0	0.33	0.047	0.35	0.002
9/24/2024 14:31	0.364	0	0.332	0.048	0.363	0.002
9/24/2024 14:32	0.364				0.359	0.002
9/24/2024 14:34						
9/24/2024 14:35	0.374	0	0.344	0.051	0.368	0.002
9/24/2024 14:36	0.378	0	0.347	0.052	0.375	0
9/24/2024 14:37	0.387	0	0.351	0.053	0.383	0
9/24/2024 14:38	0.391	0	0.355	0.053	0.387	0
9/24/2024 14:39	0.391	0	0.358	0.054	0.388	0
9/24/2024 14:40	0.391	0	0.361	0.055	0.39	0
9/24/2024 14:41	0.395	0	0.365	0.056	0.395	0
9/24/2024 14:42	0.398	0	0.368	0.057	0.391	0
9/24/2024 14:43	0.402	0	0.371	0.057	0.402	0
9/24/2024 14:44	0.405	0	0.375	0.058	0.404	0
9/24/2024 14:45	0.413	0	0.379	0.059	0.406	0
9/24/2024 14:46	0.413	0	0.382	0.06	0.406	0
9/24/2024 14:47	0.419	0	0.386	0.061	0.411	0
9/24/2024 14:48	0.428	0	0.39	0.062	0.416	0
9/24/2024 14:49	0.428	0	0.393	0.063	0.418	0
9/24/2024 14:50	0.428	0	0.396	0.063	0.418	0
9/24/2024 14:51	0.428	0	0.399	0.064	0.424	0
9/24/2024 14:52	0.43	0	0.402	0.065	0.428	0
9/24/2024 14:53	0.43	0	0.405	0.066	0.426	0
9/24/2024 14:54	0.431	0	0.408	0.067	0.43	0
9/24/2024 14:55	0.438	0	0.411	0.068	0.434	0
9/24/2024 14:56	0.438	0	0.414	0.069	0.424	0
9/24/2024 14:57	0.443	0	0.416	0.07	0.438	0
9/24/2024 14:58	0.444	0	0.419	0.071	0.443	0
9/24/2024 14:59	0.448	0	0.422	0.071	0.43	0
9/24/2024 15:00	0.448	0	0.423	0.072	0.429	0
9/24/2024 15:01	0.448	0	0.425	0.073	0.437	0
9/24/2024 15:02	0.448	0	0.426	0.074	0.438	0
9/24/2024 15:03	0.448	0	0.428	0.075	0.44	0
9/24/2024 15:04	0.454	0	0.43	0.076	0.441	0
9/24/2024 15:05	0.454	0	0.431	0.077	0.448	0
9/24/2024 15:06	0.454	0	0.433	0.078	0.449	0
9/24/2024 15:07	0.456	0	0.435	0.079	0.453	0
9/24/2024 15:08	0.46	0	0.436	0.08	0.457	0
9/24/2024 15:09	0.462	0	0.438	0.081	0.453	0.001
9/24/2024 15:10	0.462	0	0.44	0.082	0.453	0.001
9/24/2024 15:11	0.462	0	0.441	0.083	0.452	0.001
9/24/2024 15:12	0.462	0	0.443	0.083	0.453	0.001
9/24/2024 15:13	0.462	0	0.444	0.084	0.459	0.001
9/24/2024 15:14	0.464	0	0.445	0.085	0.457	0.001
9/24/2024 15:15	0.466	0	0.447	0.086	0.466	0.001
9/24/2024 15:16	0.466	0	0.449	0.087	0.457	0.001
9/24/2024 15:17	0.466	0	0.451	0.088	0.461	0.001
9/24/2024 15:18	0.469	0	0.452	0.089	0.465	0.001

9/24/2024 15:19	0.469	0	0.454	0.09	0.464	0.001
9/24/2024 15:20	0.469	0	0.455	0.091	0.46	0.001
9/24/2024 15:21	0.469	0	0.456	0.092	0.454	0.001
9/24/2024 15:22	0.469	0	0.457	0.093	0.454	0.001
9/24/2024 15:23	0.469	0	0.457	0.094	0.461	0.001
9/24/2024 15:24	0.469	0	0.457	0.095	0.46	0.001
9/24/2024 15:25	0.469	0	0.457	0.096	0.463	0.001
9/24/2024 15:26	0.505	0	0.458	0.097	0.494	0.001
9/24/2024 15:27	0.505	0	0.459	0.098	0.461	0.001
9/24/2024 15:28	0.505	0	0.46	0.099	0.475	0.001
9/24/2024 15:29	0.505	0	0.46	0.1	0.462	0.001
9/24/2024 15:30	0.505	0	0.46	0.101	0.464	0.001
9/24/2024 15:31	0.505	0	0.46	0.102	0.468	0.001
9/24/2024 15:32	0.505	0	0.461	0.103	0.465	0.001
9/24/2024 15:33	0.505	0	0.461	0.104	0.466	0.001
9/24/2024 15:34	0.505	0	0.461	0.105	0.464	0.001
9/24/2024 15:35	0.505	0	0.461	0.106	0.462	0.001
9/24/2024 15:36	0.505	0	0.461	0.107	0.462	0.001
9/24/2024 15:37	0.505	0	0.462	0.107	0.466	0.001
9/24/2024 15:38	0.505	0	0.462	0.108	0.464	0.001
9/24/2024 15:39	0.505	0	0.463	0.109	0.46	0.001
9/24/2024 15:40	0.505	0	0.463	0.11	0.455	0.001
9/24/2024 15:41	0.505	0	0.463	0.111	0.465	0.001
9/24/2024 15:42	0.505	0	0.462	0.112	0.459	0.001
9/24/2024 15:43	0.505	0	0.462	0.113	0.47	0.001
9/24/2024 15:44	0.505	0	0.462	0.114	0.458	0.001
9/24/2024 15:45	0.505	0	0.462	0.115	0.451	0.001
9/24/2024 15:46	0.505	0	0.46	0.116	0.45	0.001
9/24/2024 15:47	0.505	0	0.459	0.117	0.46	0.001
9/24/2024 15:48	0.505	0	0.459	0.118	0.46	0.001
9/24/2024 15:49	0.505	0	0.459	0.119	0.46	0.001
9/24/2024 15:50	0.505	0	0.458	0.12	0.457	0.001
9/24/2024 15:51	0.505	0	0.458	0.121	0.454	0.001
9/24/2024 15:52	0.505	0	0.457	0.122	0.454	0.001
9/24/2024 15:53	0.505	0	0.457	0.123	0.455	0.001
9/24/2024 15:54	0.505	0	0.456	0.124	0.455	0.001
9/24/2024 15:55	0.505	0	0.456	0.125	0.46	0.001
9/24/2024 15:56	0.505	0	0.456	0.126	0.46	0.001
9/24/2024 15:57	0.505	0	0.456	0.127	0.457	0.001
9/24/2024 15:58	0.505	0	0.456	0.127	0.456	0.001
9/24/2024 15:59	0.505	0	0.455	0.128	0.46	0.001
9/24/2024 16:00	0.505	0	0.456	0.129	0.453	0.001
9/24/2024 16:01	0.505	0	0.456	0.13	0.46	0.001
9/24/2024 16:02	0.505	0	0.456	0.131	0.455	0.001
9/24/2024 16:03	0.505	0	0.456	0.132	0.457	0.001
9/24/2024 16:04	0.505	0	0.456	0.133	0.449	0.001
9/24/2024 16:05	0.505	0	0.456	0.134	0.458	0.001
9/24/2024 16:06	0.505	0	0.455	0.135	0.456	0.001
9/24/2024 16:07	0.505	0	0.455	0.136	0.455	0.001
9/24/2024 16:08	0.516	0	0.455	0.137	0.45	0.002
9/24/2024 16:09	0.516	0	0.455	0.138	0.452	0.002
9/24/2024 16:10	0.516	0	0.455	0.139	0.458	0.002
9/24/2024 16:11	0.516	0	0.455	0.14	0.447	0.002
9/24/2024 16:12	0.516	0	0.454	0.141	0.447	0.002
9/24/2024 16:13	0.516	0	0.453	0.142	0.45	0.002
9/24/2024 16:14	0.516	0	0.453	0.143	0.448	0.002
9/24/2024 16:15	0.516	0	0.452	0.144	0.451	0.002
9/24/2024 16:16	0.516	0	0.452	0.144	0.455	0.002
9/24/2024 16:17	0.516	0	0.452	0.145	0.458	0.002
9/24/2024 16:18	0.516	0	0.451	0.146	0.449	0.002
9/24/2024 16:19	0.516	0	0.451	0.147	0.445	0.002
9/24/2024 16:20	0.516	0	0.451	0.148	0.453	0.002
9/24/2024 16:21	0.516	0	0.45	0.149	0.448	0.002
9/24/2024 16:22	0.516	0	0.45	0.15	0.45	0.002
9/24/2024 16:23	0.516	0	0.45	0.151	0.454	0.002
9/24/2024 16:24	0.516	0	0.45	0.152	0.448	0.002
9/24/2024 16:25	0.516	0	0.45	0.153	0.456	0.002
9/24/2024 16:26	0.516	0	0.45	0.154	0.459	0.002
9/24/2024 16:27	0.516	0	0.451	0.155	0.46	0.002
9/24/2024 16:28	0.516	0	0.452	0.156	0.466	0.002
9/24/2024 16:29	0.516	0	0.453	0.157	0.466	0.002
9/24/2024 16:30	0.516	0	0.455	0.158	0.471	0.002
9/24/2024 16:31	0.516	0	0.456	0.159	0.474	0.002
9/24/2024 16:32	0.516	0	0.458	0.16	0.471	0.002
9/24/2024 16:33	0.516	0	0.459	0.161	0.473	0.002
9/24/2024 16:34	0.516	0	0.46	0.162	0.48	0.002
9/24/2024 16:35	0.516	0	0.462	0.163	0.481	0.002
9/24/2024 16:36	0.516	0	0.464	0.164	0.474	0.002
9/24/2024 16:37	0.567	0	0.466	0.165	0.473	0.002
9/24/2024 16:38	0.567	0	0.466	0.166	0.46	0.002
9/24/2024 16:39	0.567	0	0.466	0.167	0.455	0.002

9/24/2024 16:40	0.567	0	0.466	0.168	0.445	0.002
9/24/2024 16:41	0.567	0	0.466	0.168	0.451	0.002
9/24/2024 16:42	0.567	0	0.465	0.169	0.447	0.002
9/24/2024 16:43	0.567	0	0.464	0.17	0.451	0.002
9/24/2024 16:44	0.567	0	0.463	0.171	0.448	0.002
9/24/2024 16:45	0.567	0	0.461	0.172	0.445	0.002
9/24/2024 16:46	0.567	0	0.459	0.173	0.443	0.002
9/24/2024 16:47	0.567	0	0.458	0.174	0.453	0.002
9/24/2024 16:48	0.567	0	0.457	0.175	0.451	0.002
9/24/2024 16:49	0.567	0	0.456	0.176	0.458	0.002
9/24/2024 16:50	0.567	0	0.454	0.177	0.452	0.002
9/24/2024 16:51	0.567	0	0.453	0.178	0.455	0.002
9/24/2024 16:52	0.567	0	0.452	0.179	0.458	0.002
9/24/2024 16:53	0.567	0	0.452	0.18	0.454	0.002
9/24/2024 16:54	0.567	0	0.451	0.181	0.447	0.002
9/24/2024 16:55	0.567	0	0.451	0.182	0.44	0.002
9/24/2024 16:56	0.567	0	0.45	0.183	0.435	0.002
9/24/2024 16:57	0.567	0	0.449	0.183	0.452	0.002
9/24/2024 16:58	0.567	0	0.449	0.184	0.462	0.002
9/24/2024 16:59	0.567	0	0.449	0.185	0.447	0.002
9/24/2024 17:00	0.567	0	0.45	0.186	0.443	0.002
9/24/2024 17:01	0.567	0	0.449	0.187	0.434	0.002
9/24/2024 17:02	0.567	0	0.449	0.188	0.436	0.002
9/24/2024 17:03	0.567	0	0.448	0.189	0.446	0.002
9/24/2024 17:04	0.567	0	0.446	0.19	0.426	0.002
9/24/2024 17:05	0.567	0	0.444	0.191	0.424	0.002
9/24/2024 17:06	0.567	0	0.442	0.192	0.425	0.002
9/24/2024 17:07	0.567	0	0.439	0.193	0.42	0.002
9/24/2024 17:08	0.567	0	0.437	0.193	0.422	0.002
9/24/2024 17:09	0.567	0	0.435	0.194	0.439	0.002
9/24/2024 17:10	0.567	0	0.435	0.195	0.448	0.002
9/24/2024 17:11	0.567	0	0.436	0.196	0.44	0.002
9/24/2024 17:12	0.567	0	0.435	0.197	0.434	0.002
9/24/2024 17:13	0.567	0	0.434	0.198	0.423	0.002
9/24/2024 17:14	0.567	0	0.432	0.199	0.435	0.002
9/24/2024 17:15	0.567	0	0.431	0.2	0.44	0.002
9/24/2024 17:16	0.567	0	0.43	0.201	0.433	0.002
9/24/2024 17:17	0.567	0	0.429	0.202	0.422	0.002
9/24/2024 17:18	0.567	0	0.428	0.202	0.403	0.003
9/24/2024 17:19	0.567	0	0.426	0.203	0.405	0.003
9/24/2024 17:20	0.567	0	0.425	0.204	0.409	0.003
9/24/2024 17:21	0.567	0	0.424	0.205	0.421	0.003
9/24/2024 17:22	0.567	0	0.423	0.206	0.406	0.003
9/24/2024 17:23	0.567	0	0.422	0.207	0.404	0.003
9/24/2024 17:24	0.567	0	0.421	0.207	0.422	0.003
9/24/2024 17:25	0.567	0	0.42	0.208	0.418	0.003
9/24/2024 17:26	0.567	0	0.418	0.209	0.421	0.003
9/24/2024 17:27	0.567	0	0.417	0.21	0.427	0.003
9/24/2024 17:28	0.567	0	0.417	0.211	0.428	0.003
9/24/2024 17:29	0.567	0	0.418	0.212	0.449	0.003
9/24/2024 17:30	0.567	0	0.418	0.213	0.456	0.003
9/24/2024 17:31	0.567	0	0.418	0.214	0.442	0.003
9/24/2024 17:32	0.567	0	0.42	0.215	0.429	0.003
9/24/2024 17:33	0.567	0	0.42	0.216	0.413	0.003
9/24/2024 17:34	0.567	0	0.421	0.216	0.406	0.003
9/24/2024 17:35	0.567	0	0.421	0.217	0.433	0.003
9/24/2024 17:36	0.567	0	0.421	0.218	0.408	0.003
9/24/2024 17:37	0.567	0	0.421	0.219	0.406	0.003
9/24/2024 17:38	0.567	0	0.421	0.22	0.422	0.003
9/24/2024 17:39	0.567	0	0.422	0.221	0.416	0.003
9/24/2024 17:40	0.567	0	0.421	0.222	0.408	0.003
9/24/2024 17:41	0.567	0	0.421	0.222	0.421	0.003
9/24/2024 17:42	0.567	0	0.421	0.223	0.416	0.003
9/24/2024 17:43	0.567	0	0.42	0.224	0.402	0.003
9/24/2024 17:44	0.567	0	0.418	0.225	0.397	0.003
9/24/2024 17:45	0.567	0	0.416	0.226	0.419	0.003
9/24/2024 17:46	0.567	0	0.414	0.227	0.406	0.003
9/24/2024 17:47	0.567	0	0.413	0.228	0.409	0.003
9/24/2024 17:48	0.567	0	0.411	0.228	0.412	0.003
9/24/2024 17:49	0.567	0	0.412	0.229	0.407	0.003
9/24/2024 17:50	0.567	0	0.412	0.23	0.413	0.003
9/24/2024 17:51	0.567	0	0.412	0.231	0.409	0.003
9/24/2024 17:52	0.567	0	0.412	0.232	0.425	0.003
9/24/2024 17:53	0.567	0	0.413	0.233	0.421	0.003
9/24/2024 17:54	0.567	0	0.414	0.234	0.427	0.003
9/24/2024 17:55	0.567	0	0.414	0.235	0.41	0.003
9/24/2024 17:56	0.567	0	0.414	0.235	0.405	0.003
9/24/2024 17:57	0.567	0	0.413	0.236	0.411	0.003
9/24/2024 17:58	0.567	0	0.413	0.237	0.403	0.003
9/24/2024 17:59	0.567	0	0.413	0.238	0.411	0.003
9/24/2024 18:00	0.567	0	0.414	0.239	0.399	0.003

9/24/2024 18:01	0.567	0	0.413	0.24	0.399	0.003
9/24/2024 18:02	0.567	0	0.412	0.24	0.4	0.003
9/24/2024 18:03	0.567	0	0.411	0.241	0.397	0.003
9/24/2024 18:04	0.567	0	0.41	0.242	0.398	0.003
9/24/2024 18:05	0.567	0	0.41	0.243	0.406	0.003
9/24/2024 18:06	0.567	0	0.409	0.244	0.401	0.003
9/24/2024 18:07	0.567	0	0.408	0.245	0.402	0.003
9/24/2024 18:08	0.567	0	0.407	0.245	0.406	0.003
9/24/2024 18:09	0.567	0	0.405	0.246	0.403	0.003
9/24/2024 18:10	0.567	0	0.403	0.247	0.394	0.003
9/24/2024 18:11	0.567	0	0.402	0.248	0.395	0.003
9/24/2024 18:12	0.567	0	0.401	0.249	0.388	0.003
9/24/2024 18:13	0.567	0	0.399	0.25	0.394	0.003
9/24/2024 18:14	0.567	0	0.399	0.25	0.39	0.003
9/24/2024 18:15	0.567	0	0.398	0.251	0.409	0.003
9/24/2024 18:16	0.567	0	0.398	0.252	0.393	0.003
9/24/2024 18:17	0.567	0	0.398	0.253	0.393	0.003
9/24/2024 18:18	0.567	0	0.397	0.254	0.405	0.003
9/24/2024 18:19	0.567	0	0.398	0.255	0.395	0.003
9/24/2024 18:20	0.567	0	0.397	0.255	0.393	0.003
9/24/2024 18:21	0.567	0	0.396	0.256	0.393	0.003
9/24/2024 18:22	0.567	0	0.397	0.257	0.409	0.003
9/24/2024 18:23	0.567	0	0.397	0.258	0.413	0.003
9/24/2024 18:24	0.567	0	0.398	0.259	0.41	0.003
9/24/2024 18:25	0.567	0	0.399	0.26	0.409	0.003
9/24/2024 18:26	0.567	0	0.4	0.26	0.413	0.003
9/24/2024 18:27	0.567	0	0.402	0.261	0.408	0.003
9/24/2024 18:28	0.567	0	0.403	0.262	0.408	0.003
9/24/2024 18:29	0.567	0	0.403	0.263	0.406	0.003
9/24/2024 18:30	0.567	0	0.404	0.264	0.417	0.003
9/24/2024 18:31	0.567	0	0.406	0.265	0.418	0.003
9/24/2024 18:32	0.567	0	0.407	0.266	0.42	0.003
9/24/2024 18:33	0.567	0	0.409	0.267	0.423	0.003

DustTrak RS232(C) 2B256760
Mass Conc. Total (mg/m^3)

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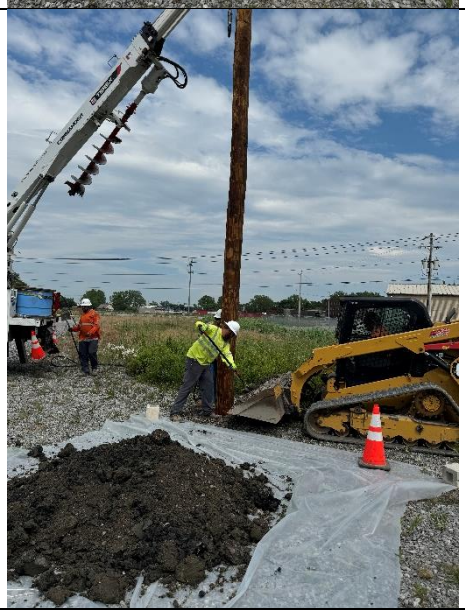

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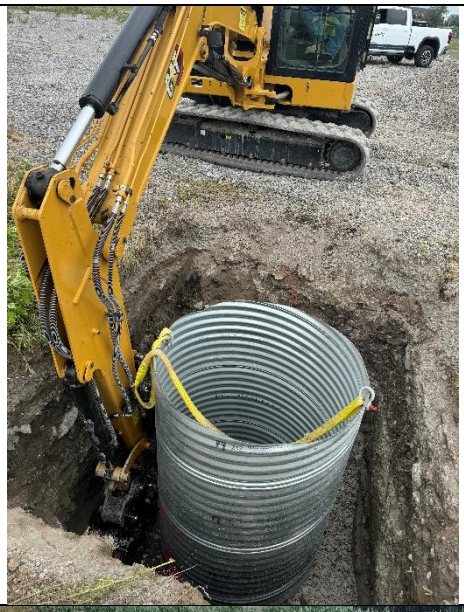

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DAILY INSPECTION REPORT

JOB TITLE: Waste Load Out
DATE: December 4, 2025
LaBella JOB NO.: 2251277
Day of Week: S M T **W** T F S
CLIENT: ESCP
I.R. No.:
CONTRACTOR:
Sheet No. 1 **of** 1

Carly Repka – LaBella

PHOTOS TAKEN: Yes
Weather:
Snow **AM** Snow **PM**
Temperature:
20s **AM** **PM**

DESCRIPTION OF WORK PERFORMED AND INSPECTED:

0730 – LaBella on-site
0800 – Trucking on site to begin loadout
0815 – CAMP turned on and soil load out began
1200 – A total of 3 truck loads were sent to the landfill for disposal, CAMP turned off

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Weather Forecast

December 04, 2024

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	+34°	+27°	29.5	SW 9.6	86%
Morning	+28°	+16°	29.4	S 16.1	73%
Day	+34°	+21°	29.1	S 17.4	72%
Evening	+34°	+21°	28.9	S 20.8	78%

CONSTRUCTION
VEHICLE
DO NOT FOLLOW
9A 953

CAT 930M

UNIVERSAL ENGINE
CAT 938M

Instrument	DustTrak II
Model Nun	8530
Serial Num	8.53E+09
Firmware V	3.1
Calibration	10/11/24
Test Name	MANUAL_001
Test Start T	8:16 AM
Test Start D	12/4/24
Test Length	0:04:13
Test Interva	1:00
Mass Avera	0.023
Mass Minir	0.018
Mass Maxi	0.043
Mass TWA	0.012
Photometr	1
Flow User C	0
Errors	
Number of	253

Elapsed Tir	Mass [mg/r	Alarms	Errors
60	0.043		
120	0.027		
180	0.026		
240	0.028		
300	0.026		
360	0.026		
420	0.026		
480	0.026		
540	0.026		
600	0.026		
660	0.026		
720	0.026		
780	0.026		
840	0.027		
900	0.027		
960	0.027		
1020	0.027		
1080	0.028		
1140	0.029		
1200	0.028		
1260	0.028		
1320	0.028		
1380	0.028		
1440	0.028		

1500	0.028
1560	0.028
1620	0.028
1680	0.031
1740	0.028
1800	0.028
1860	0.028
1920	0.028
1980	0.028
2040	0.028
2100	0.028
2160	0.028
2220	0.028
2280	0.028
2340	0.028
2400	0.028
2460	0.027
2520	0.029
2580	0.027
2640	0.027
2700	0.027
2760	0.027
2820	0.026
2880	0.026
2940	0.026
3000	0.027
3060	0.026
3120	0.027
3180	0.027
3240	0.026
3300	0.026
3360	0.026
3420	0.026
3480	0.028
3540	0.026
3600	0.026
3660	0.026
3720	0.025
3780	0.025
3840	0.025
3900	0.025
3960	0.025
4020	0.025
4080	0.025

4140	0.024
4200	0.024
4260	0.024
4320	0.024
4380	0.024
4440	0.024
4500	0.024
4560	0.024
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4680	0.023
4740	0.024
4800	0.023
4860	0.023
4920	0.023
4980	0.023
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5100	0.023
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6060	0.024
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6180	0.023
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6420	0.024
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6600	0.024
6660	0.023
6720	0.023

6780	0.023
6840	0.024
6900	0.023
6960	0.023
7020	0.023
7080	0.023
7140	0.023
7200	0.023
7260	0.023
7320	0.023
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8100	0.027
8160	0.026
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10560	0.021
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11160	0.02
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11280	0.02
11340	0.02
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11580	0.02
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13860	0.025
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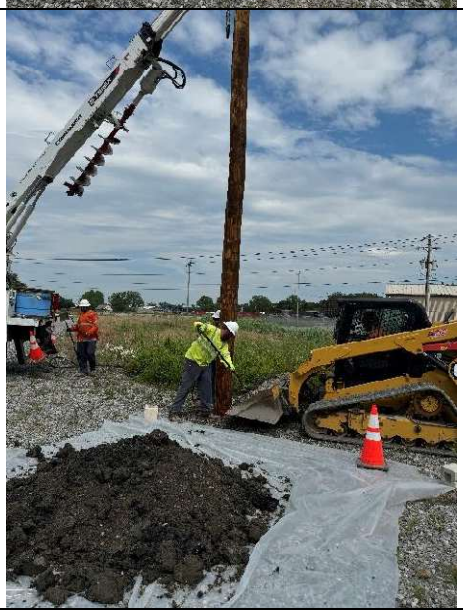
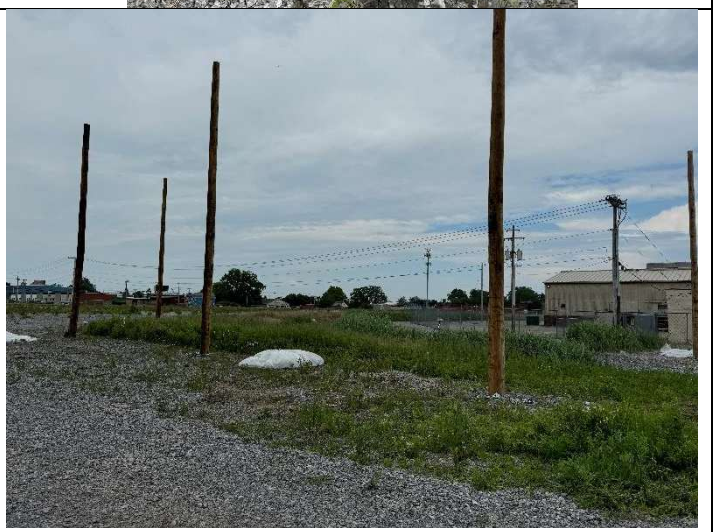
Elk Solar Site Photographs





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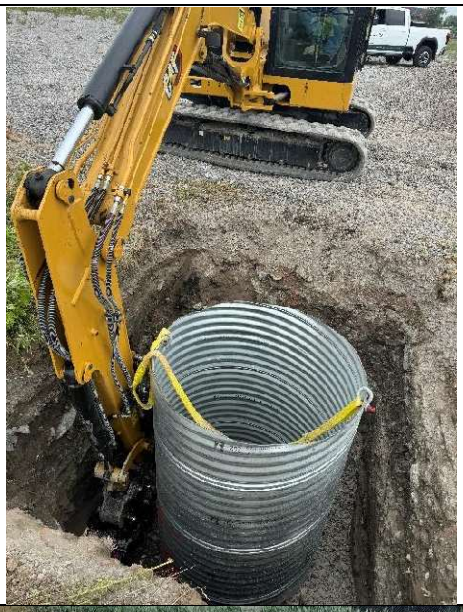

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eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Andy Janik
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Generated 2/20/2025 10:38:49 PM

JOB DESCRIPTION

(ESCP) Elk St Job# 2231211

JOB NUMBER

480-227360-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

APPENDIX 8

Waste Disposal Documentation

LaBella
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OU-2 East Elk Solar Utility Pole Install Manifests

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Andy Janik
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Generated 7/10/2024 1:39:21 PM

JOB DESCRIPTION

(ESCP) Elk St Job# 2231211

JOB NUMBER

480-221212-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

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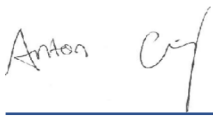
The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed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

Authorization



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7/10/2024 1:39:21 PM

Authorized for release by
Anton Gruning, Project Management Assistant I
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Designee for
Brian Fischer, Manager of Project Management
Brian.Fischer@et.eurofinsus.com
(716)504-9835

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Definitions/Glossary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-221212-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
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
480-221212-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample 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 sample was received on 6/27/2024 2:00 PM. Unless otherwise noted below, the sample arrived in good condition. The temperature of the cooler at receipt time was 26.1°C.

GC/MS VOA
Method 8260C - TCLP: The following samples were diluted due to the nature of the TCLP matrix: WC-1 (480-221212-1) and (LB 480-717319/1-A). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA
Method 8270D - TCLP: The continuing calibration verification (CCV) analyzed in batch 480-717750 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol (Surr). 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 - TCLP: The continuing calibration verification (CCV) associated with batch 480-717750 recovered above the upper control limit for Hexachlorobenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: WC-1 (480-221212-1).

Method 8270D - TCLP: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 480-717317 and 480-717519 and analytical batch 480-717750 recovered outside control limits for the following analytes: Hexachlorobenzene. These analytes were biased high in the LCS and were not detected in the associated samples; 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.

Metals
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: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-221212-1

Client Sample ID: WC-1

Lab Sample ID: 480-221212-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.012	J B	0.015	0.0056	mg/L	1		6010D	TCLP
Barium	0.72	J	1.0	0.10	mg/L	1		6010D	TCLP
Cadmium	0.0031		0.0020	0.00050	mg/L	1		6010D	TCLP
Lead	0.076		0.020	0.0030	mg/L	1		6010D	TCLP

This Detection Summary does not include radiochemical test results.

Client Sample ID: WC-1

Date Collected: 06/27/24 09:00
Date Received: 06/27/24 14:00

Lab Sample ID: 480-221212-1

Matrix: Solid

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			07/03/24 14:38	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			07/03/24 14:38	10
Benzene	ND		0.010	0.0041	mg/L			07/03/24 14:38	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			07/03/24 14:38	10
Chlorobenzene	ND		0.010	0.0075	mg/L			07/03/24 14:38	10
Chloroform	ND		0.010	0.0034	mg/L			07/03/24 14:38	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			07/03/24 14:38	10
Trichloroethene	ND		0.010	0.0046	mg/L			07/03/24 14:38	10
Vinyl chloride	ND		0.010	0.0090	mg/L			07/03/24 14:38	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			07/03/24 14:38	10

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - TCLP

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*07/03/24 14:38*	*10*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*07/03/24 14:38*	*10*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/03/24 14:38*	*10*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*07/03/24 14:38*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.040	0.0018	mg/L		07/03/24 13:20	07/09/24 04:04	1
2,4-Dinitrotoluene	ND		0.020	0.0017	mg/L		07/03/24 13:20	07/09/24 04:04	1
2,4,5-Trichlorophenol	ND		0.020	0.0019	mg/L		07/03/24 13:20	07/09/24 04:04	1
2,4,6-Trichlorophenol	ND		0.020	0.0024	mg/L		07/03/24 13:20	07/09/24 04:04	1
2-Methylphenol	ND		0.020	0.0016	mg/L		07/03/24 13:20	07/09/24 04:04	1
3-Methylphenol	ND		0.040	0.0016	mg/L		07/03/24 13:20	07/09/24 04:04	1
4-Methylphenol	ND		0.040	0.0014	mg/L		07/03/24 13:20	07/09/24 04:04	1
Hexachlorobenzene	ND	*+	0.020	0.0020	mg/L		07/03/24 13:20	07/09/24 04:04	1
Hexachlorobutadiene	ND		0.020	0.0027	mg/L		07/03/24 13:20	07/09/24 04:04	1
Hexachloroethane	ND		0.020	0.0023	mg/L		07/03/24 13:20	07/09/24 04:04	1
Nitrobenzene	ND		0.020	0.0011	mg/L		07/03/24 13:20	07/09/24 04:04	1
Pentachlorophenol	ND		0.040	0.0088	mg/L		07/03/24 13:20	07/09/24 04:04	1
Pyridine	ND		0.10	0.0016	mg/L		07/03/24 13:20	07/09/24 04:04	1

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*120*		*25 - 144*	*07/03/24 13:20*	*07/09/24 04:04*	*1*
2-Fluorobiphenyl (Surr)	*91*		*53 - 126*	*07/03/24 13:20*	*07/09/24 04:04*	*1*
2-Fluorophenol (Surr)	*52*		*24 - 120*	*07/03/24 13:20*	*07/09/24 04:04*	*1*
Nitrobenzene-d5 (Surr)	*86*		*29 - 129*	*07/03/24 13:20*	*07/09/24 04:04*	*1*
p-Terphenyl-d14 (Surr)	*97*		*33 - 132*	*07/03/24 13:20*	*07/09/24 04:04*	*1*
Phenol-d5 (Surr)	*35*		*10 - 120*	*07/03/24 13:20*	*07/09/24 04:04*	*1*

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.012**	**J B**	0.015	0.0056	mg/L		07/03/24 09:20	07/03/24 17:48	1
Barium	**0.72**	**J**	1.0	0.10	mg/L		07/03/24 09:20	07/03/24 17:48	1
Cadmium	**0.0031**		0.0020	0.00050	mg/L		07/03/24 09:20	07/03/24 17:48	1
Chromium	ND		0.020	0.010	mg/L		07/03/24 09:20	07/03/24 17:48	1
Lead	**0.076**		0.020	0.0030	mg/L		07/03/24 09:20	07/05/24 12:03	1

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-221212-1

Client Sample ID: WC-1
Date Collected: 06/27/24 09:00
Date Received: 06/27/24 14:00

Lab Sample ID: 480-221212-1
Matrix: Solid

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		07/03/24 09:20	07/03/24 17:48	1
Silver	ND		0.0060	0.0017	mg/L		07/03/24 09:20	07/03/24 17:48	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		07/03/24 09:21	07/03/24 13:35	1

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-221212-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
LCS 480-717460/6	Lab Control Sample	97	96	97	94
MB 480-717460/9	Method Blank	102	97	100	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-221212-1	WC-1	107	94	98	92
LB 480-717319/1-A	Method Blank	91	88	91	83

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL
Lab Sample ID	Client Sample ID	(25-144)	(53-126)	(24-120)	(29-129)	(33-132)	(10-120)
LCS 480-717519/2-A	Lab Control Sample	136	105	63	98	113	46
LCSD 480-717519/3-A	Lab Control Sample Dup	130	102	56	94	108	43
MB 480-717519/1-A	Method Blank	112	95	57	93	103	38

Surrogate Legend

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

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

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL
Lab Sample ID	Client Sample ID	(25-144)	(53-126)	(24-120)	(29-129)	(33-132)	(10-120)
480-221212-1	WC-1	120	91	52	86	97	35
LB 480-717317/1-F	Method Blank	127	99	55	96	110	39

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-221212-1

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-717460/9
Matrix: Solid
Analysis Batch: 717460

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			07/03/24 12:03	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			07/03/24 12:03	1
Benzene	ND		0.0010	0.00041	mg/L			07/03/24 12:03	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			07/03/24 12:03	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			07/03/24 12:03	1
Chloroform	ND		0.0010	0.00034	mg/L			07/03/24 12:03	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			07/03/24 12:03	1
Trichloroethene	ND		0.0010	0.00046	mg/L			07/03/24 12:03	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			07/03/24 12:03	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			07/03/24 12:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/03/24 12:03*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*07/03/24 12:03*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/03/24 12:03*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*07/03/24 12:03*	*1*

Lab Sample ID: LCS 480-717460/6
Matrix: Solid
Analysis Batch: 717460

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	0.0250	0.0229		mg/L		92	75 - 120
2-Butanone (MEK)	0.125	0.146		mg/L		117	57 - 140
Benzene	0.0250	0.0244		mg/L		98	71 - 124
Carbon tetrachloride	0.0250	0.0248		mg/L		99	72 - 134
Chlorobenzene	0.0250	0.0241		mg/L		96	80 - 120
Chloroform	0.0250	0.0217		mg/L		87	73 - 127
Tetrachloroethene	0.0250	0.0263		mg/L		105	74 - 122
Trichloroethene	0.0250	0.0258		mg/L		103	74 - 123
Vinyl chloride	0.0250	0.0238		mg/L		95	65 - 133
1,1-Dichloroethene	0.0250	0.0252		mg/L		101	66 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 123*

Lab Sample ID: LB 480-717319/1-A
Matrix: Solid
Analysis Batch: 717460

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			07/03/24 13:04	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			07/03/24 13:04	10
Benzene	ND		0.010	0.0041	mg/L			07/03/24 13:04	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			07/03/24 13:04	10

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB 480-717319/1-A
Matrix: Solid
Analysis Batch: 717460

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.010	0.0075	mg/L			07/03/24 13:04	10
Chloroform	ND		0.010	0.0034	mg/L			07/03/24 13:04	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			07/03/24 13:04	10
Trichloroethene	ND		0.010	0.0046	mg/L			07/03/24 13:04	10
Vinyl chloride	ND		0.010	0.0090	mg/L			07/03/24 13:04	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			07/03/24 13:04	10

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*07/03/24 13:04*	*10*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*		*07/03/24 13:04*	*10*
Toluene-d8 (Surr)	*91*		*80 - 120*		*07/03/24 13:04*	*10*
Dibromofluoromethane (Surr)	*83*		*75 - 123*		*07/03/24 13:04*	*10*

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

Lab Sample ID: MB 480-717519/1-A
Matrix: Solid
Analysis Batch: 717750

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 717519

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00045	mg/L		07/03/24 13:20	07/09/24 02:14	1
2,4-Dinitrotoluene	ND		0.0050	0.00043	mg/L		07/03/24 13:20	07/09/24 02:14	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		07/03/24 13:20	07/09/24 02:14	1
2,4,6-Trichlorophenol	ND		0.0050	0.00060	mg/L		07/03/24 13:20	07/09/24 02:14	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		07/03/24 13:20	07/09/24 02:14	1
3-Methylphenol	ND		0.010	0.00040	mg/L		07/03/24 13:20	07/09/24 02:14	1
4-Methylphenol	ND		0.010	0.00035	mg/L		07/03/24 13:20	07/09/24 02:14	1
Hexachlorobenzene	ND		0.0050	0.00050	mg/L		07/03/24 13:20	07/09/24 02:14	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		07/03/24 13:20	07/09/24 02:14	1
Hexachloroethane	ND		0.0050	0.00058	mg/L		07/03/24 13:20	07/09/24 02:14	1
Nitrobenzene	ND		0.0050	0.00028	mg/L		07/03/24 13:20	07/09/24 02:14	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		07/03/24 13:20	07/09/24 02:14	1
Pyridine	ND		0.025	0.00040	mg/L		07/03/24 13:20	07/09/24 02:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*112*		*25 - 144*	*07/03/24 13:20*	*07/09/24 02:14*	*1*
2-Fluorobiphenyl (Surr)	*95*		*53 - 126*	*07/03/24 13:20*	*07/09/24 02:14*	*1*
2-Fluorophenol (Surr)	*57*		*24 - 120*	*07/03/24 13:20*	*07/09/24 02:14*	*1*
Nitrobenzene-d5 (Surr)	*93*		*29 - 129*	*07/03/24 13:20*	*07/09/24 02:14*	*1*
p-Terphenyl-d14 (Surr)	*103*		*33 - 132*	*07/03/24 13:20*	*07/09/24 02:14*	*1*
Phenol-d5 (Surr)	*38*		*10 - 120*	*07/03/24 13:20*	*07/09/24 02:14*	*1*

Lab Sample ID: LCS 480-717519/2-A
Matrix: Solid
Analysis Batch: 717750

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 717519

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	0.0400	0.0290		mg/L		72	42 - 120

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

Lab Sample ID: LCS 480-717519/2-A
Matrix: Solid
Analysis Batch: 717750

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 717519

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4-Dinitrotoluene			0.0400	0.0433		mg/L		108	69 - 120		
2,4,5-Trichlorophenol			0.0400	0.0431		mg/L		108	65 - 126		
2,4,6-Trichlorophenol			0.0400	0.0442		mg/L		110	64 - 120		
2-Methylphenol			0.0400	0.0358		mg/L		89	39 - 120		
3-Methylphenol			0.0400	0.0339		mg/L		85	39 - 120		
4-Methylphenol			0.0400	0.0339		mg/L		85	29 - 131		
Hexachlorobenzene			0.0400	0.0523	*+	mg/L		131	61 - 120		
Hexachlorobutadiene			0.0400	0.0320		mg/L		80	35 - 120		
Hexachloroethane			0.0400	0.0269		mg/L		67	33 - 120		
Nitrobenzene			0.0400	0.0422		mg/L		105	53 - 123		
Pentachlorophenol			0.0800	0.0699		mg/L		87	10 - 136		
Pyridine			0.0800	0.0177	J	mg/L		22	10 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*136*		*25 - 144*
2-Fluorobiphenyl (Surr)	*105*		*53 - 126*
2-Fluorophenol (Surr)	*63*		*24 - 120*
Nitrobenzene-d5 (Surr)	*98*		*29 - 129*
p-Terphenyl-d14 (Surr)	*113*		*33 - 132*
Phenol-d5 (Surr)	*46*		*10 - 120*

Lab Sample ID: LCSD 480-717519/3-A
Matrix: Solid
Analysis Batch: 717750

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 717519

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene			0.0400	0.0278		mg/L		69	42 - 120	4	36
2,4-Dinitrotoluene			0.0400	0.0419		mg/L		105	69 - 120	3	20
2,4,5-Trichlorophenol			0.0400	0.0406		mg/L		101	65 - 126	6	18
2,4,6-Trichlorophenol			0.0400	0.0410		mg/L		102	64 - 120	8	19
2-Methylphenol			0.0400	0.0333		mg/L		83	39 - 120	7	27
3-Methylphenol			0.0400	0.0313		mg/L		78	39 - 120	8	30
4-Methylphenol			0.0400	0.0313		mg/L		78	29 - 131	8	24
Hexachlorobenzene			0.0400	0.0513	*+	mg/L		128	61 - 120	2	15
Hexachlorobutadiene			0.0400	0.0297		mg/L		74	35 - 120	7	44
Hexachloroethane			0.0400	0.0249		mg/L		62	33 - 120	8	46
Nitrobenzene			0.0400	0.0393		mg/L		98	53 - 123	7	24
Pentachlorophenol			0.0800	0.0665		mg/L		83	10 - 136	5	37
Pyridine			0.0800	0.0175	J	mg/L		22	10 - 120	1	49

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*130*		*25 - 144*
2-Fluorobiphenyl (Surr)	*102*		*53 - 126*
2-Fluorophenol (Surr)	*56*		*24 - 120*
Nitrobenzene-d5 (Surr)	*94*		*29 - 129*
p-Terphenyl-d14 (Surr)	*108*		*33 - 132*
Phenol-d5 (Surr)	*43*		*10 - 120*

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

Lab Sample ID: LB 480-717317/1-F
Matrix: Solid
Analysis Batch: 717750

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 717519

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.040	0.0018	mg/L		07/03/24 13:20	07/09/24 03:36	1
2,4-Dinitrotoluene	ND		0.020	0.0017	mg/L		07/03/24 13:20	07/09/24 03:36	1
2,4,5-Trichlorophenol	ND		0.020	0.0019	mg/L		07/03/24 13:20	07/09/24 03:36	1
2,4,6-Trichlorophenol	ND		0.020	0.0024	mg/L		07/03/24 13:20	07/09/24 03:36	1
2-Methylphenol	ND		0.020	0.0016	mg/L		07/03/24 13:20	07/09/24 03:36	1
3-Methylphenol	ND		0.040	0.0016	mg/L		07/03/24 13:20	07/09/24 03:36	1
4-Methylphenol	ND		0.040	0.0014	mg/L		07/03/24 13:20	07/09/24 03:36	1
Hexachlorobenzene	ND		0.020	0.0020	mg/L		07/03/24 13:20	07/09/24 03:36	1
Hexachlorobutadiene	ND		0.020	0.0027	mg/L		07/03/24 13:20	07/09/24 03:36	1
Hexachloroethane	ND		0.020	0.0023	mg/L		07/03/24 13:20	07/09/24 03:36	1
Nitrobenzene	ND		0.020	0.0011	mg/L		07/03/24 13:20	07/09/24 03:36	1
Pentachlorophenol	ND		0.040	0.0088	mg/L		07/03/24 13:20	07/09/24 03:36	1
Pyridine	ND		0.10	0.0016	mg/L		07/03/24 13:20	07/09/24 03:36	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*127*		*25 - 144*	*07/03/24 13:20*	*07/09/24 03:36*	*1*
2-Fluorobiphenyl (Surr)	*99*		*53 - 126*	*07/03/24 13:20*	*07/09/24 03:36*	*1*
2-Fluorophenol (Surr)	*55*		*24 - 120*	*07/03/24 13:20*	*07/09/24 03:36*	*1*
Nitrobenzene-d5 (Surr)	*96*		*29 - 129*	*07/03/24 13:20*	*07/09/24 03:36*	*1*
p-Terphenyl-d14 (Surr)	*110*		*33 - 132*	*07/03/24 13:20*	*07/09/24 03:36*	*1*
Phenol-d5 (Surr)	*39*		*10 - 120*	*07/03/24 13:20*	*07/09/24 03:36*	*1*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-717471/2-A
Matrix: Solid
Analysis Batch: 717581

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 717471

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		07/03/24 09:20	07/03/24 17:44	1
Barium	ND		1.0	0.10	mg/L		07/03/24 09:20	07/03/24 17:44	1
Cadmium	ND		0.0020	0.00050	mg/L		07/03/24 09:20	07/03/24 17:44	1
Chromium	ND		0.020	0.010	mg/L		07/03/24 09:20	07/03/24 17:44	1
Lead	ND		0.020	0.0030	mg/L		07/03/24 09:20	07/03/24 17:44	1
Selenium	ND		0.025	0.0087	mg/L		07/03/24 09:20	07/03/24 17:44	1
Silver	ND		0.0060	0.0017	mg/L		07/03/24 09:20	07/03/24 17:44	1

Lab Sample ID: LCS 480-717471/3-A
Matrix: Solid
Analysis Batch: 717581

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 717471

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	1.00	0.944		mg/L		94	80 - 120
Barium	1.00	0.940	J	mg/L		94	80 - 120
Cadmium	0.500	0.487		mg/L		97	80 - 120
Chromium	0.500	0.462		mg/L		92	80 - 120
Lead	0.500	0.501		mg/L		100	80 - 120
Selenium	1.00	0.951		mg/L		95	80 - 120
Silver	0.0500	0.0492		mg/L		98	80 - 120

Method: 6010D - Metals (ICP)

Lab Sample ID: LB 480-717317/1-B
Matrix: Solid
Analysis Batch: 717581

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 717471

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00711	J	0.015	0.0056	mg/L		07/03/24 09:20	07/03/24 17:42	1
Barium	ND		1.0	0.10	mg/L		07/03/24 09:20	07/03/24 17:42	1
Cadmium	ND		0.0020	0.00050	mg/L		07/03/24 09:20	07/03/24 17:42	1
Chromium	ND		0.020	0.010	mg/L		07/03/24 09:20	07/03/24 17:42	1
Selenium	ND		0.025	0.0087	mg/L		07/03/24 09:20	07/03/24 17:42	1
Silver	ND		0.0060	0.0017	mg/L		07/03/24 09:20	07/03/24 17:42	1

Lab Sample ID: LB 480-717317/1-B
Matrix: Solid
Analysis Batch: 717647

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 717471

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.020	0.0030	mg/L		07/03/24 09:20	07/05/24 12:01	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-717472/2-A
Matrix: Solid
Analysis Batch: 717524

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 717472

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		07/03/24 09:21	07/03/24 13:29	1

Lab Sample ID: LCS 480-717472/3-A
Matrix: Solid
Analysis Batch: 717524

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 717472

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00670	0.00743		mg/L		111	80 - 120		

Lab Sample ID: LB 480-717317/1-C
Matrix: Solid
Analysis Batch: 717524

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 717472

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		07/03/24 09:21	07/03/24 13:28	1

QC Association Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-221212-1

GC/MS VOA

Leach Batch: 717319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221212-1	WC-1	TCLP	Solid	1311	
LB 480-717319/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 717460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221212-1	WC-1	TCLP	Solid	8260C	717319
LB 480-717319/1-A	Method Blank	TCLP	Solid	8260C	717319
MB 480-717460/9	Method Blank	Total/NA	Solid	8260C	
LCS 480-717460/6	Lab Control Sample	Total/NA	Solid	8260C	

GC/MS Semi VOA

Leach Batch: 717317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221212-1	WC-1	TCLP	Solid	1311	
LB 480-717317/1-F	Method Blank	TCLP	Solid	1311	

Prep Batch: 717519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221212-1	WC-1	TCLP	Solid	3510C	717317
LB 480-717317/1-F	Method Blank	TCLP	Solid	3510C	717317
MB 480-717519/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 480-717519/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-717519/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Analysis Batch: 717750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221212-1	WC-1	TCLP	Solid	8270D	717519
LB 480-717317/1-F	Method Blank	TCLP	Solid	8270D	717519
MB 480-717519/1-A	Method Blank	Total/NA	Solid	8270D	717519
LCS 480-717519/2-A	Lab Control Sample	Total/NA	Solid	8270D	717519
LCSD 480-717519/3-A	Lab Control Sample Dup	Total/NA	Solid	8270D	717519

Metals

Leach Batch: 717317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221212-1	WC-1	TCLP	Solid	1311	
LB 480-717317/1-B	Method Blank	TCLP	Solid	1311	
LB 480-717317/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 717471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221212-1	WC-1	TCLP	Solid	3010A	717317
LB 480-717317/1-B	Method Blank	TCLP	Solid	3010A	717317
MB 480-717471/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 480-717471/3-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 717472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221212-1	WC-1	TCLP	Solid	7470A	717317
LB 480-717317/1-C	Method Blank	TCLP	Solid	7470A	717317

Metals (Continued)

Prep Batch: 717472 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-717472/2-A	Method Blank	Total/NA	Solid	7470A	
LCS 480-717472/3-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 717524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221212-1	WC-1	TCLP	Solid	7470A	717472
LB 480-717317/1-C	Method Blank	TCLP	Solid	7470A	717472
MB 480-717472/2-A	Method Blank	Total/NA	Solid	7470A	717472
LCS 480-717472/3-A	Lab Control Sample	Total/NA	Solid	7470A	717472

Analysis Batch: 717581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221212-1	WC-1	TCLP	Solid	6010D	717471
LB 480-717317/1-B	Method Blank	TCLP	Solid	6010D	717471
MB 480-717471/2-A	Method Blank	Total/NA	Solid	6010D	717471
LCS 480-717471/3-A	Lab Control Sample	Total/NA	Solid	6010D	717471

Analysis Batch: 717647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221212-1	WC-1	TCLP	Solid	6010D	717471
LB 480-717317/1-B	Method Blank	TCLP	Solid	6010D	717471

General Chemistry

Analysis Batch: 717158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221212-1	WC-1	Total/NA	Solid	Moisture	

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-221212-1

Client Sample ID: WC-1

Date Collected: 06/27/24 09:00
Date Received: 06/27/24 14:00

Lab Sample ID: 480-221212-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			717319	SMP	EET BUF	07/02/24 06:35 - 07/03/24 09:01 [1]
TCLP	Analysis	8260C		10	717460	ZN	EET BUF	07/03/24 14:38
TCLP	Leach	1311			717317	SMP	EET BUF	07/02/24 06:28 - 07/03/24 08:34 [1]
TCLP	Prep	3510C			717519	LSC	EET BUF	07/03/24 13:20
TCLP	Analysis	8270D		1	717750	JMM	EET BUF	07/09/24 04:04
TCLP	Leach	1311			717317	SMP	EET BUF	07/02/24 06:28 - 07/03/24 08:34 [1]
TCLP	Prep	3010A			717471	EMO	EET BUF	07/03/24 09:20
TCLP	Analysis	6010D		1	717581	BMB	EET BUF	07/03/24 17:48
TCLP	Leach	1311			717317	SMP	EET BUF	07/02/24 06:28 - 07/03/24 08:34 [1]
TCLP	Prep	3010A			717471	EMO	EET BUF	07/03/24 09:20
TCLP	Analysis	6010D		1	717647	BMB	EET BUF	07/05/24 12:03
TCLP	Leach	1311			717317	SMP	EET BUF	07/02/24 06:28 - 07/03/24 08:34 [1]
TCLP	Prep	7470A			717472	ESB	EET BUF	07/03/24 09:21
TCLP	Analysis	7470A		1	717524	ESB	EET BUF	07/03/24 13:35
Total/NA	Analysis	Moisture		1	717158	EMD	EET BUF	06/28/24 14:54

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: LaBella Associates DPC
Job ID: 480-221212-1
Project/Site: (ESCP) Elk St Job# 2231211

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
7470A	7470A	Solid	Mercury
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-221212-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010D	Metals (ICP)	SW846	EET BUF
7470A	Mercury (CVAA)	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
1311	TCLP Extraction	SW846	EET BUF
3010A	Preparation, Total Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
7470A	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: LaBella Associates DPC
Project/Site: (ESCP) Elk St Job# 2231211

Job ID: 480-221212-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-221212-1	WC-1	Solid	06/27/24 09:00	06/27/24 14:00

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228-2223
phone 716.691.2600 fax 716.691.7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Andrew Janik	Site Contact: Andrew Janik	Date: 6/27/2024	COC No:
LaBella	Tel:716-345-6709	Lab Contact: Fisher, Brian J	Carrier: LaBella	1 of 1 COCs
300 Pearl Street, Suite 130	Analysis Turnaround Time			Sampler: Chris Finn
Buffalo NY 14202	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
716-551-6281	TAT if different from Below			Walk-in Client:
	☑ 2 weeks			Lab Sampling:
Project Name: ESCP	☐ 1 week			
Site: ESCP	☐ 2 days			Job / SDG No.:
P O # 2231211	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TCLP VOC	TCLP SVOC	TCLP Metals	Sample Specific Notes:
WC-1	6/27/24	9:00	C	S	2			x	x	x	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: Email report to ajanik@labellapc.com

2611 #1 NO ICE

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____		
Relinquished by:	Company: LaBella	Date/Time: 6/27 1406	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time: 6/27/24 1406

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

7/10/2024

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-221212-1

Login Number: 221212
List Number: 1
Creator: Stapleton, Kaitlyn

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.	False	
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	Labella
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

SITE **NIAGARA FALLS LANDFILL 716-282-6381**
5600 Niagara Falls Blvd -Niagara Falls, NY 14304

CUSTOMER 392085
LABELLA ASSOCIATES DPC
300 STATE STREET
ROCHESTER, NY 14614
Contract:42152416596
Generator:Elk Street Commerce Park LLC

SITE 5B	TICKET # 1280281	CELL	
WEIGHMASTER	Pam S.		
DATE/TIME IN	12/4/24 10:58 am	DATE/TIME OUT	12/4/24 10:58 am
VEHICLE	SWAN 113	CONTAINER	
REFERENCE			
BILL OF LADING	3818984		

SCALE IN GROSS WEIGHT 72,560 NET TONS 21.78
TARE OUT TARE WEIGHT 29,000 NET WEIGHT 43,560

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
12.00	YD	Tracking QTY				
21.78	tn	SW-CONT SOIL Origin:NY-ERIE 100%				

Have a nice day. Thank you for your business!

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE

RS-F042UPR2 (12-20)

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

3818984

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
Elk Street Commerce Park, LLC 603 Elk Street, Buffalo, NY 14210	Elk Street Commerce Park, LLC 4 Centre Drive, Orchard Park, NY 14127
f. Phone:	g. Phone:
If owner of the generating facility differs from the generator, provide:	
h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 42152416596	10/30/2027	Soil	1	T	12yds	
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Carly Kepka behalf of E.S.C.P	[signature] behalf of ESCP	12/4/24
p. Generator Authorized Agent Name (Print)	q. Signature	r. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Shop Trucks Rep Truck # 113

b. Phone:

Joe Young	[signature]	12/4/24
c. Driver Name (Print)	d. Signature	e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Allied Waste Niagara Falls Landfill LLC 5600 Niagara Falls Blvd., Niagara Falls NY 716-285-3344 b.		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

	PG Robb	12/04/24
e. Name of Authorized Agent (Print)	f. Signature	g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REV 04/19

RETURN TO OPERATOR

RS-F11A

SITE **NIAGARA FALLS LANDFILL 716-282-6381**
5600 Niagara Falls Blvd -Niagara Falls, NY 14304

CUSTOMER 392085
LABELLA ASSOCIATES DPC
300 STATE STREET
ROCHESTER, NY 14614
Contract:42152416596
Generator:Elk Street Commerce Park LLC

SITE 5B	TICKET # 1280308	CELL	
WEIGHMASTER	Pam S.		
DATE/TIME IN	12/4/24 12:58 pm	DATE/TIME OUT	12/4/24 12:58 pm
VEHICLE	SWAN 113	CONTAINER	
REFERENCE			
BILL OF LADING	3818983		

SCALE IN GROSS WEIGHT 62,680 NET TONS 16.84
TARE OUT TARE WEIGHT 29,000 NET WEIGHT 33,680

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
12.00	YD	Tracking QTY				
16.84	tn	SW-CONT SOIL Origin:NY-ERIE 100%				

Have a nice day. Thank you for your business!

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE

RS-F042UPR2 (12-20)

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

3818983

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of

d. Generator's Name and Location:	e. Generator's Mailing Address:
Elk Street Commerce Park, LLC 503 Elk Street, Buffalo, NY 14210 f. Phone:	Elk Street Commerce Park, LLC 4 Centre Drive, Orchard Park, NY 14127 g. Phone:
If owner of the generating facility differs from the generator, provide:	
h. Owner's Name:	I. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A 42152416526	10/30/2027	Soil	1	T	12yds	
B						
C						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
Carly Repka behalf of ESCP	Carly Repka behalf of ESCP	12/4/24

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:

b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
		12/04/24

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Allied Waste Niagara Falls Landfill LLC 5600 Niagara Falls Blvd, Niagara Falls NY 716-283-3344 b.		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
	POD	12/04/24

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REV 04/19

RETURN TO OPERATOR

RS-F11A

SITE **NIAGARA FALLS LANDFILL 716-282-6381**
5600 Niagara Falls Blvd -Niagara Falls, NY 14304

CUSTOMER 392085
LABELLA ASSOCIATES DPC
300 STATE STREET
ROCHESTER, NY 14614
Contract:42152416596
Generator:Elk Street Commerce Park LLC

SITE 5B	TICKET # 1280259	CELL	
WEIGHMASTER	Pam S.		
DATE/TIME IN	12/4/24 9:13 am	DATE/TIME OUT	12/4/24 9:13 am
VEHICLE	SWAN 113	CONTAINER	
REFERENCE			
BILL OF LADING	3818979		

SCALE IN GROSS WEIGHT 69,540 NET TONS 20.27
TARE OUT TARE WEIGHT 29,000 NET WEIGHT 40,540

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
12.00	YD	Tracking QTY				
20.27	tn	SW-CONT SOIL Origin:NY-ERIE 100%				

Have a nice day. Thank you for your business!

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE

RS-F042UPR2 (12-20)

REPUBLIC SERVICES

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

3818979

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of 1

d. Generator's Name and Location:	e. Generator's Mailing Address:
Elk Street Commerce Park, LLC 503 Elk Street, Buffalo, NY 14210 f. Phone:	Elk Street Commerce Park, LLC 4 Centre Drive, Orchard Park, NY 14127 g. Phone:
If owner of the generating facility differs from the generator, provide: h. Owner's Name:	i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
A. 42152416596	10/30/2027	Soil	1	T	12yds	
B.						
C.						

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
Andrew Janik on behalf of ESCP	on behalf of ESCP	12/4/24

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Sloan Trucking West Truck # 113

b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
Joe Hansen		12/4/24

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Allied Waste Niagara Falls Landfill, LLC 5600 Niagara Falls Blvd, Niagara Falls NY 716-285-3344 b.		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
	P Scott	12/04/24

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REV 04/19

RETURN TO OPERATOR

RS-F11A

OU-2 East ShotClub Social Geotech Drilling Manifest

LaBella
Powered by partnership.

2024 Site Management Plan ExxonMobil Oil Former Buffalo Terminal OU-2 East

503, 625 Elk Street
and 1 Babcock, Buffalo, NY
NYSDEC Site No. C915201D

N

0 50 100 Feet

Legend

- Tax Parcel
- Approximate Location of Geotechnicnal Boring

Approximate Location of Test Pit

- GCM
- Lead

Sources: Bing Maps; LaBella, 2024; Rapid 2024.

Waste Characterization Sampling

Figure 1

LaBella Project No: 22314339
Date: 2/23/2024

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-111089-1
Client Project/Site: Former Exxon Terminal

For:
Northstar Demolition and Remediation LP
2760 S. Falkenburg Road
Riverview, Florida 33578

Attn: Mr. Mark Talarico

Authorized for release by:
12/29/2016 12:06:35 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD is outside acceptance limits.

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
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.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
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.
U	Indicates the analyte was analyzed for but not detected.

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
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)

Job ID: 480-111089-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-111089-1

Comments
No additional comments.

Receipt
The samples were received on 12/14/2016 1:43 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0° C.

GC/MS VOA
Method(s) 8260C: 1. The following samples were analyzed using medium level soil analysis due to the nature of the sample matrix: GCM-1 PRE (480-111089-1), GCM-1 POST (480-111089-2), GCM-2 PRE (480-111089-3), GCM-2 POST (480-111089-4), GCM-3 PRE (480-111089-5) and GCM-3 POST (480-111089-6). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA
Method(s) 8270D: The following samples were diluted due to appearance and viscosity: GCM-1 PRE (480-111089-1), GCM-1 POST (480-111089-2), GCM-2 PRE (480-111089-3), GCM-2 POST (480-111089-4) and GCM-3 PRE (480-111089-5). Elevated reporting limits (RL) are provided.

Method(s) 8270D: The following samples required a dilution due to appearance and viscosity: GCM-1 PRE (480-111089-1), GCM-1 POST (480-111089-2), GCM-2 PRE (480-111089-3), GCM-2 POST (480-111089-4) and GCM-3 PRE (480-111089-5). 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(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-337355 recovered outside acceptance criteria, low biased, for bis (2-chloroisopropyl) ether. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-337355 recovered above the upper control limit for 4-Nitrophenol, Hexachlorobenzene and Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: GCM-1 PRE (480-111089-1), GCM-1 POST (480-111089-2), GCM-2 PRE (480-111089-3), GCM-2 POST (480-111089-4) and GCM-3 PRE (480-111089-5).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-337355 recovered above the upper control limit for 2,4,6-Tribromophenol. The samples associated with this CCV were non-detects for analytes affected by this surrogate; therefore, the data have been reported. The following samples are impacted: GCM-1 PRE (480-111089-1), GCM-1 POST (480-111089-2), GCM-2 PRE (480-111089-3), GCM-2 POST (480-111089-4) and GCM-3 PRE (480-111089-5).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-337856 recovered above the upper control limit for p-Terphenyl-d14(Surr), 4-Nitrophenol, Butyl benzyl phthalate, 2,4,6-Tribromophenol(Surr), 2-Methylnaphthalene, Pyrene and Nitrobenzene-d5(Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: GCM-3 POST (480-111089-6).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-337856 recovered outside acceptance criteria, low biased, for Anthracene and bis (2-chloroisopropyl) ether. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following sample is impacted: GCM-3 POST (480-111089-6).

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-337662 recovered outside control limits for the following analytes: 2-Nitroaniline and Hexachlorocyclopentadiene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The following sample is impacted: GCM-3 POST (480-111089-6)

Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: GCM-3 POST (480-111089-6). As such,

Job ID: 480-111089-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

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

GC VOA
Method(s) 8015D: The following sample was diluted due to the nature of the sample matrix: GCM-1 PRE (480-111089-1). Elevated reporting limits (RLs) are provided.

Method(s) 8015D: Reported analyte concentrations in the following samples are below 200 ug/kg and may be biased low due to the samples not being collected according to 5035-L/5035A-L low-level specifications: GCM-1 PRE (480-111089-1), GCM-1 POST (480-111089-2), GCM-2 PRE (480-111089-3), GCM-2 POST (480-111089-4), GCM-3 PRE (480-111089-5) and GCM-3 POST (480-111089-6).

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

GC Semi VOA
Method(s) 8015D: The following samples were diluted due to an abundance of target analytes: GCM-1 PRE (480-111089-1), GCM-1 POST (480-111089-2), GCM-2 PRE (480-111089-3), GCM-2 POST (480-111089-4), GCM-3 PRE (480-111089-5) and GCM-3 POST (480-111089-6). As such, surrogate recoveries are estimated and not representative, and elevated reporting limits (RLs) are provided.

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

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

Organic Prep
Method(s) 1311: Due to the sample matrix and associated reaction to the extraction fluid, the laboratory was unable to perform the leaching procedure with the required 100g for the following sample: LEAD-1 POST (480-111089-8). The volume of leaching fluid was adjusted proportionally to maintain a 20:1 ratio of leaching fluid to weight of sample. Reporting limits (RLs) are not affected.

Method(s) 3550C: Due to the matrix, the following samples could not be concentrated to the final method required volume: GCM-1 PRE (480-111089-1), GCM-1 POST (480-111089-2), GCM-2 PRE (480-111089-3), GCM-2 POST (480-111089-4) and GCM-3 PRE (480-111089-5). The reporting limits (RLs) are elevated proportionately.

Method(s) 3550C: Due to the matrix, the following sample could not be concentrated to the final method required volume: GCM-3 POST (480-111089-6). The reporting limits (RLs) are elevated proportionately.

Method(s) 3550C: Due to the matrix, the following samples could not be concentrated to the final method required volume: GCM-1 PRE (480-111089-1), GCM-1 POST (480-111089-2), GCM-2 PRE (480-111089-3), GCM-2 POST (480-111089-4), GCM-3 PRE (480-111089-5), GCM-3 POST (480-111089-6), (480-111089-A-6 MS) and (480-111089-A-6 MSD). The reporting limits (RLs) are elevated proportionately.

Method(s) 3550C: Due to the matrix, the following sample could not be concentrated to the final method required volume: GCM-3 POST (480-111089-6). The reporting limits (RLs) are elevated proportionately.

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

Detection Summary

Client: Northstar Demolition and Remediation LP
Project/Site: Former Exxon Terminal

TestAmerica Job ID: 480-111089-1

Client Sample ID: GCM-1 PRE — Lab Sample ID: 480-111089-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	140		79	22	ug/Kg	1	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	68	J	79	24	ug/Kg	1	☼	8260C	Total/NA
4-Isopropyltoluene	200		79	27	ug/Kg	1	☼	8260C	Total/NA
Benzene	16	J	79	15	ug/Kg	1	☼	8260C	Total/NA
Methyl acetate	230	J	400	38	ug/Kg	1	☼	8260C	Total/NA
Methylcyclohexane	110		79	37	ug/Kg	1	☼	8260C	Total/NA
Naphthalene	130		79	27	ug/Kg	1	☼	8260C	Total/NA
N-Propylbenzene	24	J	79	21	ug/Kg	1	☼	8260C	Total/NA
Toluene	46	J	79	21	ug/Kg	1	☼	8260C	Total/NA
Xylenes, Total	140	J	160	44	ug/Kg	1	☼	8260C	Total/NA
Chrysene	14000	J	18000	3900	ug/Kg	20	☼	8270D	Total/NA
Fluoranthene	2800	J	18000	1900	ug/Kg	20	☼	8270D	Total/NA
Phenanthrene	6100	J	18000	2600	ug/Kg	20	☼	8270D	Total/NA
Pyrene	6300	J	18000	2100	ug/Kg	20	☼	8270D	Total/NA
GRO (C6-C10)	22		17	4.4	mg/Kg	10	☼	8015D	Total/NA
Diesel Range Organics [C10-C28]	47000		4400	1300	mg/Kg	50	☼	8015D	Total/NA

Client Sample ID: GCM-1 POST — Lab Sample ID: 480-111089-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	180		73	20	ug/Kg	1	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	79		73	22	ug/Kg	1	☼	8260C	Total/NA
4-Isopropyltoluene	410		73	25	ug/Kg	1	☼	8260C	Total/NA
Benzene	17	J	73	14	ug/Kg	1	☼	8260C	Total/NA
Cyclohexane	46	J	73	16	ug/Kg	1	☼	8260C	Total/NA
Ethylbenzene	39	J	73	21	ug/Kg	1	☼	8260C	Total/NA
Methyl acetate	1500		370	35	ug/Kg	1	☼	8260C	Total/NA
Methylcyclohexane	110		73	34	ug/Kg	1	☼	8260C	Total/NA
Naphthalene	130		73	25	ug/Kg	1	☼	8260C	Total/NA
N-Propylbenzene	30	J	73	19	ug/Kg	1	☼	8260C	Total/NA
Toluene	59	J	73	20	ug/Kg	1	☼	8260C	Total/NA
Xylenes, Total	180		150	41	ug/Kg	1	☼	8260C	Total/NA
Chrysene	11000	J	17000	3900	ug/Kg	20	☼	8270D	Total/NA
Fluoranthene	2100	J	17000	1800	ug/Kg	20	☼	8270D	Total/NA
Phenanthrene	5800	J	17000	2600	ug/Kg	20	☼	8270D	Total/NA
Pyrene	5700	J	17000	2000	ug/Kg	20	☼	8270D	Total/NA
GRO (C6-C10)	12		1.6	0.43	mg/Kg	1	☼	8015D	Total/NA
Diesel Range Organics [C10-C28]	20000		2200	650	mg/Kg	50	☼	8015D	Total/NA

Client Sample ID: GCM-2 PRE — Lab Sample ID: 480-111089-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	350		69	19	ug/Kg	1	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	140		69	21	ug/Kg	1	☼	8260C	Total/NA
4-Isopropyltoluene	220		69	23	ug/Kg	1	☼	8260C	Total/NA
Acetone	420		350	290	ug/Kg	1	☼	8260C	Total/NA
Benzene	47	J	69	13	ug/Kg	1	☼	8260C	Total/NA
Ethylbenzene	120		69	20	ug/Kg	1	☼	8260C	Total/NA
Isopropylbenzene	47	J	69	10	ug/Kg	1	☼	8260C	Total/NA
Methyl acetate	620		350	33	ug/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: GCM-2 PRE (Continued)

Lab Sample ID: 480-111089-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylcyclohexane	310		69	32	ug/Kg	1	☼	8260C	Total/NA
Naphthalene	270		69	23	ug/Kg	1	☼	8260C	Total/NA
n-Butylbenzene	77		69	20	ug/Kg	1	☼	8260C	Total/NA
N-Propylbenzene	88		69	18	ug/Kg	1	☼	8260C	Total/NA
sec-Butylbenzene	41	J	69	26	ug/Kg	1	☼	8260C	Total/NA
Toluene	210		69	19	ug/Kg	1	☼	8260C	Total/NA
Xylenes, Total	510		140	38	ug/Kg	1	☼	8260C	Total/NA
Chrysene	31000		28000	6300	ug/Kg	20	☼	8270D	Total/NA
Fluoranthene	4100	J	28000	3000	ug/Kg	20	☼	8270D	Total/NA
Phenanthrene	13000	J	28000	4100	ug/Kg	20	☼	8270D	Total/NA
Pyrene	14000	J	28000	3300	ug/Kg	20	☼	8270D	Total/NA
GRO (C6-C10)	26		1.5	0.40	mg/Kg	1	☼	8015D	Total/NA
Diesel Range Organics [C10-C28]	56000		6000	1800	mg/Kg	50	☼	8015D	Total/NA

Client Sample ID: GCM-2 POST

Lab Sample ID: 480-111089-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	280		67	19	ug/Kg	1	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	110		67	20	ug/Kg	1	☼	8260C	Total/NA
4-Isopropyltoluene	620		67	22	ug/Kg	1	☼	8260C	Total/NA
Acetone	350		330	270	ug/Kg	1	☼	8260C	Total/NA
Benzene	24	J	67	13	ug/Kg	1	☼	8260C	Total/NA
Ethylbenzene	68		67	19	ug/Kg	1	☼	8260C	Total/NA
Isopropylbenzene	31	J	67	10	ug/Kg	1	☼	8260C	Total/NA
Methyl acetate	2100		330	32	ug/Kg	1	☼	8260C	Total/NA
Methylcyclohexane	160		67	31	ug/Kg	1	☼	8260C	Total/NA
Naphthalene	250		67	22	ug/Kg	1	☼	8260C	Total/NA
n-Butylbenzene	51	J	67	19	ug/Kg	1	☼	8260C	Total/NA
N-Propylbenzene	49	J	67	17	ug/Kg	1	☼	8260C	Total/NA
sec-Butylbenzene	28	J	67	25	ug/Kg	1	☼	8260C	Total/NA
Toluene	95		67	18	ug/Kg	1	☼	8260C	Total/NA
Xylenes, Total	350		130	37	ug/Kg	1	☼	8260C	Total/NA
Benzo[a]pyrene	2900	J	17000	2500	ug/Kg	20	☼	8270D	Total/NA
Benzo[b]fluoranthene	3700	J	17000	2700	ug/Kg	20	☼	8270D	Total/NA
Benzo[g,h,i]perylene	2000	J	17000	1800	ug/Kg	20	☼	8270D	Total/NA
Chrysene	17000		17000	3800	ug/Kg	20	☼	8270D	Total/NA
Fluoranthene	4100	J	17000	1800	ug/Kg	20	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	2100	J	17000	2100	ug/Kg	20	☼	8270D	Total/NA
Phenanthrene	7000	J	17000	2500	ug/Kg	20	☼	8270D	Total/NA
Pyrene	6800	J	17000	2000	ug/Kg	20	☼	8270D	Total/NA
GRO (C6-C10)	23		1.5	0.41	mg/Kg	1	☼	8015D	Total/NA
Diesel Range Organics [C10-C28]	29000		3200	950	mg/Kg	50	☼	8015D	Total/NA

Client Sample ID: GCM-3 PRE

Lab Sample ID: 480-111089-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	250		66	18	ug/Kg	1	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	100		66	20	ug/Kg	1	☼	8260C	Total/NA
4-Isopropyltoluene	150		66	22	ug/Kg	1	☼	8260C	Total/NA
Acetone	300	J	330	270	ug/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: GCM-3 PRE (Continued)

Lab Sample ID: 480-111089-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	22	J	66	13	ug/Kg	1	☼	8260C	Total/NA
Cyclohexane	120		66	15	ug/Kg	1	☼	8260C	Total/NA
Ethylbenzene	54	J	66	19	ug/Kg	1	☼	8260C	Total/NA
Isopropylbenzene	52	J	66	9.9	ug/Kg	1	☼	8260C	Total/NA
Methyl acetate	420		330	31	ug/Kg	1	☼	8260C	Total/NA
Methylcyclohexane	320		66	31	ug/Kg	1	☼	8260C	Total/NA
Naphthalene	120		66	22	ug/Kg	1	☼	8260C	Total/NA
n-Butylbenzene	81		66	19	ug/Kg	1	☼	8260C	Total/NA
N-Propylbenzene	57	J	66	17	ug/Kg	1	☼	8260C	Total/NA
Toluene	78		66	18	ug/Kg	1	☼	8260C	Total/NA
Xylenes, Total	310		130	37	ug/Kg	1	☼	8260C	Total/NA
Chrysene	19000		17000	3700	ug/Kg	20	☼	8270D	Total/NA
Fluoranthene	2900	J	17000	1800	ug/Kg	20	☼	8270D	Total/NA
Phenanthrene	6300	J	17000	2500	ug/Kg	20	☼	8270D	Total/NA
Pyrene	8900	J	17000	2000	ug/Kg	20	☼	8270D	Total/NA
GRO (C6-C10)	28		1.5	0.41	mg/Kg	1	☼	8015D	Total/NA
Diesel Range Organics [C10-C28]	52000		4000	1200	mg/Kg	50	☼	8015D	Total/NA

Client Sample ID: GCM-3 POST

Lab Sample ID: 480-111089-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	260		64	18	ug/Kg	1	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	100		64	19	ug/Kg	1	☼	8260C	Total/NA
4-Isopropyltoluene	150		64	22	ug/Kg	1	☼	8260C	Total/NA
Benzene	24	J	64	12	ug/Kg	1	☼	8260C	Total/NA
Ethylbenzene	59	J	64	19	ug/Kg	1	☼	8260C	Total/NA
Isopropylbenzene	38	J	64	9.6	ug/Kg	1	☼	8260C	Total/NA
Methyl acetate	1800		320	30	ug/Kg	1	☼	8260C	Total/NA
Methylcyclohexane	170		64	30	ug/Kg	1	☼	8260C	Total/NA
Naphthalene	140		64	22	ug/Kg	1	☼	8260C	Total/NA
n-Butylbenzene	53	J	64	19	ug/Kg	1	☼	8260C	Total/NA
N-Propylbenzene	52	J	64	17	ug/Kg	1	☼	8260C	Total/NA
sec-Butylbenzene	35	J	64	24	ug/Kg	1	☼	8260C	Total/NA
Toluene	68		64	17	ug/Kg	1	☼	8260C	Total/NA
Xylenes, Total	280		130	35	ug/Kg	1	☼	8260C	Total/NA
Chrysene	7000	J	25000	5500	ug/Kg	20	☼	8270D	Total/NA
Phenanthrene	7200	J	25000	3600	ug/Kg	20	☼	8270D	Total/NA
GRO (C6-C10)	27		1.5	0.40	mg/Kg	1	☼	8015D	Total/NA
Diesel Range Organics [C10-C28]	27000		3000	900	mg/Kg	50	☼	8015D	Total/NA

Client Sample ID: LEAD-1 PRE

Lab Sample ID: 480-111089-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5850		1.4	0.34	mg/Kg	1	☼	6010C	Total/NA
Lead	16.0		0.020	0.0030	mg/L	1		6010C	TCLP

Client Sample ID: LEAD-1 POST

Lab Sample ID: 480-111089-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5500		1.5	0.37	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: LEAD-1 POST (Continued)

Lab Sample ID: 480-111089-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.3		0.020	0.0030	mg/L	1		6010C	TCLP

This Detection Summary does not include radiochemical test results.

Client: Northstar Demolition and Remediation LP
Project/Site: Former Exxon Terminal

TestAmerica Job ID: 480-111089-1

Client Sample ID: GCM-1 PRE
Date Collected: 12/13/16 09:45
Date Received: 12/14/16 13:43

Lab Sample ID: 480-111089-1
Matrix: Solid
Percent Solids: 75.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	79	U	79	22	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
1,1,2,2-Tetrachloroethane	79	U	79	13	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	79	U	79	40	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
1,1,2-Trichloroethane	79	U	79	17	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
1,1-Dichloroethane	79	U	79	25	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
1,1-Dichloroethene	79	U	79	27	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
1,2,4-Trichlorobenzene	79	U	79	30	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
1,2,4-Trimethylbenzene	**140**		79	22	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
1,2-Dibromo-3-Chloropropane	79	U	79	40	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
1,2-Dichlorobenzene	79	U	79	20	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
1,2-Dichloroethane	79	U	79	32	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
1,2-Dichloropropane	79	U	79	13	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
1,3,5-Trimethylbenzene	**68**	**J**	79	24	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
1,3-Dichlorobenzene	79	U	79	21	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
1,4-Dichlorobenzene	79	U	79	11	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
2-Butanone (MEK)	400	U	400	240	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
2-Hexanone	400	U	400	160	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
4-Isopropyltoluene	**200**		79	27	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
4-Methyl-2-pentanone (MIBK)	400	U	400	25	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Acetone	400	U	400	330	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Benzene	**16**	**J**	79	15	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Bromoform	79	U	79	40	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Bromomethane	79	U	79	17	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Carbon disulfide	79	U	79	36	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Carbon tetrachloride	79	U	79	20	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Chlorobenzene	79	U	79	10	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Dibromochloromethane	79	U	79	38	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Chloroethane	79	U	79	17	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Chloroform	79	U	79	54	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Chloromethane	79	U	79	19	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
cis-1,2-Dichloroethene	79	U	79	22	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Cyclohexane	79	U	79	18	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Bromodichloromethane	79	U	79	16	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Dichlorodifluoromethane	79	U	79	35	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Ethylbenzene	79	U	79	23	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
1,2-Dibromoethane	79	U	79	14	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Isopropylbenzene	79	U	79	12	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Methyl acetate	**230**	**J**	400	38	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Methyl tert-butyl ether	79	U	79	30	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Methylcyclohexane	**110**		79	37	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Methylene Chloride	79	U	79	16	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Naphthalene	**130**		79	27	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
n-Butylbenzene	79	U	79	23	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
N-Propylbenzene	**24**	**J**	79	21	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
sec-Butylbenzene	79	U	79	29	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Tetrachloroethene	79	U	79	11	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Toluene	**46**	**J**	79	21	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
trans-1,2-Dichloroethene	79	U	79	19	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
trans-1,3-Dichloropropene	79	U	79	7.8	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1

Client Sample ID: GCM-1 PRE
Date Collected: 12/13/16 09:45
Date Received: 12/14/16 13:43

Lab Sample ID: 480-111089-1
Matrix: Solid
Percent Solids: 75.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	79	U	79	22	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Trichlorofluoromethane	79	U	79	37	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Vinyl chloride	79	U	79	27	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Xylenes, Total	**140**	**J**	160	44	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
cis-1,3-Dichloropropene	79	U	79	19	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
Styrene	79	U	79	19	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1
tert-Butylbenzene	79	U	79	22	ug/Kg	☼	12/15/16 14:15	12/16/16 03:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*53 - 146*	*12/15/16 14:15*	*12/16/16 03:33*	*1*
4-Bromofluorobenzene (Surr)	*100*		*49 - 148*	*12/15/16 14:15*	*12/16/16 03:33*	*1*
Toluene-d8 (Surr)	*93*		*50 - 149*	*12/15/16 14:15*	*12/16/16 03:33*	*1*
Dibromofluoromethane (Surr)	*92*		*60 - 140*	*12/15/16 14:15*	*12/16/16 03:33*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	18000	U	18000	4800	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
2,4,6-Trichlorophenol	18000	U	18000	3500	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
2,4-Dichlorophenol	18000	U	18000	1900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
2,4-Dimethylphenol	18000	U	18000	4300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
2,4-Dinitrophenol	170000	U	170000	81000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
2,4-Dinitrotoluene	18000	U	18000	3600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
2,6-Dinitrotoluene	18000	U	18000	2100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
2-Chloronaphthalene	18000	U	18000	2900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
2-Chlorophenol	18000	U	18000	3200	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
2-Methylnaphthalene	18000	U	18000	3500	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
2-Methylphenol	18000	U	18000	2100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
2-Nitroaniline	34000	U	34000	2600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
2-Nitrophenol	18000	U	18000	5000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
3,3'-Dichlorobenzidine	34000	U	34000	21000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
3-Nitroaniline	34000	U	34000	4900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
4,6-Dinitro-2-methylphenol	34000	U	34000	18000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
4-Bromophenyl phenyl ether	18000	U	18000	2500	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
4-Chloro-3-methylphenol	18000	U	18000	4400	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
4-Chloroaniline	18000	U	18000	4400	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
4-Chlorophenyl phenyl ether	18000	U	18000	2200	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
4-Methylphenol	34000	U	34000	2100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
4-Nitroaniline	34000	U	34000	9200	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
4-Nitrophenol	34000	U	34000	12000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Acenaphthene	18000	U	18000	2600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Acenaphthylene	18000	U	18000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Acetophenone	18000	U	18000	2400	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Anthracene	18000	U	18000	4400	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Atrazine	18000	U	18000	6100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Benzaldehyde	18000	U	18000	14000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Benzo[a]anthracene	18000	U	18000	1800	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Benzo[a]pyrene	18000	U	18000	2600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Benzo[b]fluoranthene	18000	U	18000	2800	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Benzo[g,h,i]perylene	18000	U	18000	1900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Benzo[k]fluoranthene	18000	U	18000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20

Client Sample ID: GCM-1 PRE
Date Collected: 12/13/16 09:45
Date Received: 12/14/16 13:43

Lab Sample ID: 480-111089-1
Matrix: Solid
Percent Solids: 75.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	18000	U	18000	2600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
bis (2-chloroisopropyl) ether	18000	U	18000	3500	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Bis(2-chloroethoxy)methane	18000	U	18000	3700	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Bis(2-chloroethyl)ether	18000	U	18000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Bis(2-ethylhexyl) phthalate	18000	U	18000	6000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Butyl benzyl phthalate	18000	U	18000	2900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Caprolactam	18000	U	18000	5300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Carbazole	18000	U	18000	2100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Chrysene	**14000**	**J**	18000	3900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Dibenz(a,h)anthracene	18000	U	18000	3100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Dibenzofuran	18000	U	18000	2100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Diethyl phthalate	18000	U	18000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Dimethyl phthalate	18000	U	18000	2100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Di-n-butyl phthalate	18000	U	18000	3000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Di-n-octyl phthalate	18000	U	18000	2100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Fluoranthene	**2800**	**J**	18000	1900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Fluorene	18000	U	18000	2100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Hexachlorobenzene	18000	U	18000	2400	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Hexachlorobutadiene	18000	U	18000	2600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Hexachlorocyclopentadiene	18000	U	18000	2400	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Hexachloroethane	18000	U	18000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Indeno[1,2,3-cd]pyrene	18000	U	18000	2200	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Isophorone	18000	U	18000	3700	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Naphthalene	18000	U	18000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Nitrobenzene	18000	U	18000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
N-Nitrosodi-n-propylamine	18000	U	18000	3000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
N-Nitrosodiphenylamine	18000	U	18000	14000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Pentachlorophenol	34000	U	34000	18000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Phenanthrene	**6100**	**J**	18000	2600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Phenol	18000	U	18000	2700	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20
Pyrene	**6300**	**J**	18000	2100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:04	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*X*	*39 - 146*	*12/19/16 14:05*	*12/21/16 00:04*	*20*
2-Fluorobiphenyl	*0*	*X*	*37 - 120*	*12/19/16 14:05*	*12/21/16 00:04*	*20*
2-Fluorophenol (Surr)	*0*	*X*	*18 - 120*	*12/19/16 14:05*	*12/21/16 00:04*	*20*
Nitrobenzene-d5 (Surr)	*0*	*X*	*34 - 132*	*12/19/16 14:05*	*12/21/16 00:04*	*20*
Phenol-d5 (Surr)	*0*	*X*	*11 - 120*	*12/19/16 14:05*	*12/21/16 00:04*	*20*
p-Terphenyl-d14 (Surr)	*0*	*X*	*65 - 153*	*12/19/16 14:05*	*12/21/16 00:04*	*20*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	**22**		17	4.4	mg/Kg	☼	12/22/16 13:36	12/23/16 13:47	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*80*		*46 - 156*	*12/22/16 13:36*	*12/23/16 13:47*	*10*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**47000**		4400	1300	mg/Kg	☼	12/20/16 11:56	12/20/16 20:22	50

Client Sample ID: GCM-1 PRE

Lab Sample ID: 480-111089-1

Date Collected: 12/13/16 09:45
Matrix: Solid
Date Received: 12/14/16 13:43
Percent Solids: 75.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	291	X	48 - 125	12/20/16 11:56	12/20/16 20:22	50

Client Sample ID: GCM-1 POST

Lab Sample ID: 480-111089-2

Date Collected: 12/13/16 13:45
Matrix: Solid
Date Received: 12/14/16 13:43
Percent Solids: 76.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	73	U	73	20	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
1,1,2,2-Tetrachloroethane	73	U	73	12	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	73	U	73	37	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
1,1,2-Trichloroethane	73	U	73	15	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
1,1-Dichloroethane	73	U	73	23	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
1,1-Dichloroethene	73	U	73	25	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
1,2,4-Trichlorobenzene	73	U	73	28	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
1,2,4-Trimethylbenzene	**180**		73	20	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
1,2-Dibromo-3-Chloropropane	73	U	73	37	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
1,2-Dichlorobenzene	73	U	73	19	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
1,2-Dichloroethane	73	U	73	30	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
1,2-Dichloropropane	73	U	73	12	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
1,3,5-Trimethylbenzene	**79**		73	22	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
1,3-Dichlorobenzene	73	U	73	20	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
1,4-Dichlorobenzene	73	U	73	10	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
2-Butanone (MEK)	370	U	370	220	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
2-Hexanone	370	U	370	150	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
4-Isopropyltoluene	**410**		73	25	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
4-Methyl-2-pentanone (MIBK)	370	U	370	23	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Acetone	370	U	370	300	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Benzene	**17**	**J**	73	14	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Bromoform	73	U	73	37	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Bromomethane	73	U	73	16	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Carbon disulfide	73	U	73	33	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Carbon tetrachloride	73	U	73	19	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Chlorobenzene	73	U	73	9.7	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Dibromochloromethane	73	U	73	36	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Chloroethane	73	U	73	15	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Chloroform	73	U	73	50	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Chloromethane	73	U	73	17	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
cis-1,2-Dichloroethene	73	U	73	20	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Cyclohexane	**46**	**J**	73	16	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Bromodichloromethane	73	U	73	15	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Dichlorodifluoromethane	73	U	73	32	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Ethylbenzene	**39**	**J**	73	21	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
1,2-Dibromoethane	73	U	73	13	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Isopropylbenzene	73	U	73	11	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Methyl acetate	**1500**		370	35	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Methyl tert-butyl ether	73	U	73	28	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Methylcyclohexane	**110**		73	34	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Methylene Chloride	73	U	73	15	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Naphthalene	**130**		73	25	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1

Client Sample ID: GCM-1 POST
Date Collected: 12/13/16 13:45
Date Received: 12/14/16 13:43

Lab Sample ID: 480-111089-2
Matrix: Solid
Percent Solids: 76.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	73	U	73	21	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
N-Propylbenzene	**30**	**J**	73	19	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
sec-Butylbenzene	73	U	73	27	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Tetrachloroethene	73	U	73	9.9	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Toluene	**59**	**J**	73	20	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
trans-1,2-Dichloroethene	73	U	73	17	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
trans-1,3-Dichloropropene	73	U	73	7.2	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Trichloroethene	73	U	73	20	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Trichlorofluoromethane	73	U	73	34	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Vinyl chloride	73	U	73	25	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Xylenes, Total	**180**		150	41	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
cis-1,3-Dichloropropene	73	U	73	18	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
Styrene	73	U	73	18	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1
tert-Butylbenzene	73	U	73	20	ug/Kg	☼	12/15/16 14:15	12/16/16 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*53 - 146*	*12/15/16 14:15*	*12/16/16 04:01*	*1*
4-Bromofluorobenzene (Surr)	*100*		*49 - 148*	*12/15/16 14:15*	*12/16/16 04:01*	*1*
Toluene-d8 (Surr)	*95*		*50 - 149*	*12/15/16 14:15*	*12/16/16 04:01*	*1*
Dibromofluoromethane (Surr)	*91*		*60 - 140*	*12/15/16 14:15*	*12/16/16 04:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	17000	U	17000	4700	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
2,4,6-Trichlorophenol	17000	U	17000	3500	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
2,4-Dichlorophenol	17000	U	17000	1800	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
2,4-Dimethylphenol	17000	U	17000	4200	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
2,4-Dinitrophenol	170000	U	170000	80000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
2,4-Dinitrotoluene	17000	U	17000	3600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
2,6-Dinitrotoluene	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
2-Chloronaphthalene	17000	U	17000	2900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
2-Chlorophenol	17000	U	17000	3200	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
2-Methylnaphthalene	17000	U	17000	3500	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
2-Methylphenol	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
2-Nitroaniline	34000	U	34000	2600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
2-Nitrophenol	17000	U	17000	4900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
3,3'-Dichlorobenzidine	34000	U	34000	20000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
3-Nitroaniline	34000	U	34000	4800	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
4,6-Dinitro-2-methylphenol	34000	U	34000	17000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
4-Bromophenyl phenyl ether	17000	U	17000	2500	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
4-Chloro-3-methylphenol	17000	U	17000	4300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
4-Chloroaniline	17000	U	17000	4300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
4-Chlorophenyl phenyl ether	17000	U	17000	2100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
4-Methylphenol	34000	U	34000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
4-Nitroaniline	34000	U	34000	9100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
4-Nitrophenol	34000	U	34000	12000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Acenaphthene	17000	U	17000	2600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Acenaphthylene	17000	U	17000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Acetophenone	17000	U	17000	2400	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Anthracene	17000	U	17000	4300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20

Client Sample ID: GCM-1 POST
Date Collected: 12/13/16 13:45
Date Received: 12/14/16 13:43

Lab Sample ID: 480-111089-2
Matrix: Solid
Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	17000	U	17000	6000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Benzaldehyde	17000	U	17000	14000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Benzo[a]anthracene	17000	U	17000	1700	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Benzo[a]pyrene	17000	U	17000	2600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Benzo[b]fluoranthene	17000	U	17000	2800	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Benzo[g,h,i]perylene	17000	U	17000	1800	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Benzo[k]fluoranthene	17000	U	17000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Biphenyl	17000	U	17000	2600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
bis (2-chloroisopropyl) ether	17000	U	17000	3500	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Bis(2-chloroethoxy)methane	17000	U	17000	3700	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Bis(2-chloroethyl)ether	17000	U	17000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Bis(2-ethylhexyl) phthalate	17000	U	17000	5900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Butyl benzyl phthalate	17000	U	17000	2900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Caprolactam	17000	U	17000	5200	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Carbazole	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Chrysene	**11000**	**J**	17000	3900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Dibenz(a,h)anthracene	17000	U	17000	3100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Dibenzofuran	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Diethyl phthalate	17000	U	17000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Dimethyl phthalate	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Di-n-butyl phthalate	17000	U	17000	3000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Di-n-octyl phthalate	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Fluoranthene	**2100**	**J**	17000	1800	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Fluorene	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Hexachlorobenzene	17000	U	17000	2400	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Hexachlorobutadiene	17000	U	17000	2600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Hexachlorocyclopentadiene	17000	U	17000	2400	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Hexachloroethane	17000	U	17000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Indeno[1,2,3-cd]pyrene	17000	U	17000	2100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Isophorone	17000	U	17000	3700	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Naphthalene	17000	U	17000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Nitrobenzene	17000	U	17000	1900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
N-Nitrosodi-n-propylamine	17000	U	17000	3000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
N-Nitrosodiphenylamine	17000	U	17000	14000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Pentachlorophenol	34000	U	34000	17000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Phenanthrene	**5800**	**J**	17000	2600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Phenol	17000	U	17000	2700	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20
Pyrene	**5700**	**J**	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:29	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*X*	*39 - 146*	*12/19/16 14:05*	*12/21/16 00:29*	*20*
2-Fluorobiphenyl	*0*	*X*	*37 - 120*	*12/19/16 14:05*	*12/21/16 00:29*	*20*
2-Fluorophenol (Surr)	*0*	*X*	*18 - 120*	*12/19/16 14:05*	*12/21/16 00:29*	*20*
Nitrobenzene-d5 (Surr)	*0*	*X*	*34 - 132*	*12/19/16 14:05*	*12/21/16 00:29*	*20*
Phenol-d5 (Surr)	*0*	*X*	*11 - 120*	*12/19/16 14:05*	*12/21/16 00:29*	*20*
p-Terphenyl-d14 (Surr)	*0*	*X*	*65 - 153*	*12/19/16 14:05*	*12/21/16 00:29*	*20*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	**12**		1.6	0.43	mg/Kg	☼	12/22/16 13:36	12/23/16 14:52	1

Client Sample ID: GCM-1 POST

Lab Sample ID: 480-111089-2

Date Collected: 12/13/16 13:45

Matrix: Solid

Date Received: 12/14/16 13:43

Percent Solids: 76.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	79		46 - 156	12/22/16 13:36	12/23/16 14:52	1

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	20000		2200	650	mg/Kg	☼	12/20/16 11:56	12/20/16 20:56	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	545	X	48 - 125	12/20/16 11:56	12/20/16 20:56	50

Client Sample ID: GCM-2 PRE

Lab Sample ID: 480-111089-3

Date Collected: 12/13/16 09:45

Matrix: Solid

Date Received: 12/14/16 13:43

Percent Solids: 82.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	69	U	69	19	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
1,1,2,2-Tetrachloroethane	69	U	69	11	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	69	U	69	35	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
1,1,2-Trichloroethane	69	U	69	15	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
1,1-Dichloroethane	69	U	69	21	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
1,1-Dichloroethene	69	U	69	24	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
1,2,4-Trichlorobenzene	69	U	69	26	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
1,2,4-Trimethylbenzene	**350**		69	19	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
1,2-Dibromo-3-Chloropropane	69	U	69	35	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
1,2-Dichlorobenzene	69	U	69	18	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
1,2-Dichloroethane	69	U	69	28	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
1,2-Dichloropropane	69	U	69	11	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
1,3,5-Trimethylbenzene	**140**		69	21	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
1,3-Dichlorobenzene	69	U	69	19	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
1,4-Dichlorobenzene	69	U	69	9.7	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
2-Butanone (MEK)	350	U	350	210	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
2-Hexanone	350	U	350	140	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
4-Isopropyltoluene	**220**		69	23	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
4-Methyl-2-pentanone (MIBK)	350	U	350	22	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Acetone	**420**		350	290	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Benzene	**47**	**J**	69	13	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Bromoform	69	U	69	35	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Bromomethane	69	U	69	15	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Carbon disulfide	69	U	69	32	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Carbon tetrachloride	69	U	69	18	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Chlorobenzene	69	U	69	9.2	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Dibromochloromethane	69	U	69	34	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Chloroethane	69	U	69	14	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Chloroform	69	U	69	48	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Chloromethane	69	U	69	17	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
cis-1,2-Dichloroethene	69	U	69	19	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Cyclohexane	69	U	69	15	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Bromodichloromethane	69	U	69	14	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Dichlorodifluoromethane	69	U	69	30	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Ethylbenzene	**120**		69	20	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
1,2-Dibromoethane	69	U	69	12	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1

Client Sample ID: GCM-2 PRE
Date Collected: 12/13/16 09:45
Date Received: 12/14/16 13:43

Lab Sample ID: 480-111089-3
Matrix: Solid
Percent Solids: 82.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	**47**	**J**	69	10	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Methyl acetate	**620**		350	33	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Methyl tert-butyl ether	69	U	69	26	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Methylcyclohexane	**310**		69	32	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Methylene Chloride	69	U	69	14	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Naphthalene	**270**		69	23	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
n-Butylbenzene	**77**		69	20	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
N-Propylbenzene	**88**		69	18	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
sec-Butylbenzene	**41**	**J**	69	26	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Tetrachloroethene	69	U	69	9.3	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Toluene	**210**		69	19	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
trans-1,2-Dichloroethene	69	U	69	16	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
trans-1,3-Dichloropropene	69	U	69	6.8	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Trichloroethene	69	U	69	19	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Trichlorofluoromethane	69	U	69	33	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Vinyl chloride	69	U	69	23	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Xylenes, Total	**510**		140	38	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
cis-1,3-Dichloropropene	69	U	69	17	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
Styrene	69	U	69	17	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1
tert-Butylbenzene	69	U	69	19	ug/Kg	☼	12/15/16 14:15	12/16/16 04:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*53 - 146*	*12/15/16 14:15*	*12/16/16 04:28*	*1*
4-Bromofluorobenzene (Surr)	*99*		*49 - 148*	*12/15/16 14:15*	*12/16/16 04:28*	*1*
Toluene-d8 (Surr)	*96*		*50 - 149*	*12/15/16 14:15*	*12/16/16 04:28*	*1*
Dibromofluoromethane (Surr)	*90*		*60 - 140*	*12/15/16 14:15*	*12/16/16 04:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	28000	U	28000	7600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
2,4,6-Trichlorophenol	28000	U	28000	5600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
2,4-Dichlorophenol	28000	U	28000	3000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
2,4-Dimethylphenol	28000	U	28000	6800	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
2,4-Dinitrophenol	270000	U	270000	130000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
2,4-Dinitrotoluene	28000	U	28000	5800	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
2,6-Dinitrotoluene	28000	U	28000	3300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
2-Chloronaphthalene	28000	U	28000	4600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
2-Chlorophenol	28000	U	28000	5100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
2-Methylnaphthalene	28000	U	28000	5600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
2-Methylphenol	28000	U	28000	3300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
2-Nitroaniline	54000	U	54000	4100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
2-Nitrophenol	28000	U	28000	7900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
3,3'-Dichlorobenzidine	54000	U	54000	33000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
3-Nitroaniline	54000	U	54000	7700	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
4,6-Dinitro-2-methylphenol	54000	U	54000	28000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
4-Bromophenyl phenyl ether	28000	U	28000	4000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
4-Chloro-3-methylphenol	28000	U	28000	6900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
4-Chloroaniline	28000	U	28000	6900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
4-Chlorophenyl phenyl ether	28000	U	28000	3500	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
4-Methylphenol	54000	U	54000	3300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20

Client: Northstar Demolition and Remediation LP
Project/Site: Former Exxon Terminal

TestAmerica Job ID: 480-111089-1

Client Sample ID: GCM-2 PRE
Date Collected: 12/13/16 09:45
Date Received: 12/14/16 13:43

Lab Sample ID: 480-111089-3
Matrix: Solid
Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	54000	U	54000	15000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
4-Nitrophenol	54000	U	54000	20000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Acenaphthene	28000	U	28000	4100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Acenaphthylene	28000	U	28000	3600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Acetophenone	28000	U	28000	3800	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Anthracene	28000	U	28000	6900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Atrazine	28000	U	28000	9700	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Benzaldehyde	28000	U	28000	22000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Benzo[a]anthracene	28000	U	28000	2800	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Benzo[a]pyrene	28000	U	28000	4100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Benzo[b]fluoranthene	28000	U	28000	4500	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Benzo[g,h,i]perylene	28000	U	28000	3000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Benzo[k]fluoranthene	28000	U	28000	3600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Biphenyl	28000	U	28000	4100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
bis (2-chloroisopropyl) ether	28000	U	28000	5600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Bis(2-chloroethoxy)methane	28000	U	28000	5900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Bis(2-chloroethyl)ether	28000	U	28000	3600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Bis(2-ethylhexyl) phthalate	28000	U	28000	9600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Butyl benzyl phthalate	28000	U	28000	4600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Caprolactam	28000	U	28000	8400	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Carbazole	28000	U	28000	3300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Chrysene	**31000**		28000	6300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Dibenz(a,h)anthracene	28000	U	28000	4900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Dibenzofuran	28000	U	28000	3300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Diethyl phthalate	28000	U	28000	3600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Dimethyl phthalate	28000	U	28000	3300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Di-n-butyl phthalate	28000	U	28000	4800	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Di-n-octyl phthalate	28000	U	28000	3300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Fluoranthene	**4100**	**J**	28000	3000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Fluorene	28000	U	28000	3300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Hexachlorobenzene	28000	U	28000	3800	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Hexachlorobutadiene	28000	U	28000	4100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Hexachlorocyclopentadiene	28000	U	28000	3800	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Hexachloroethane	28000	U	28000	3600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Indeno[1,2,3-cd]pyrene	28000	U	28000	3500	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Isophorone	28000	U	28000	5900	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Naphthalene	28000	U	28000	3600	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Nitrobenzene	28000	U	28000	3100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
N-Nitrosodi-n-propylamine	28000	U	28000	4800	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
N-Nitrosodiphenylamine	28000	U	28000	23000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Pentachlorophenol	54000	U	54000	28000	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Phenanthrene	**13000**	**J**	28000	4100	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Phenol	28000	U	28000	4300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20
Pyrene	**14000**	**J**	28000	3300	ug/Kg	☼	12/19/16 14:05	12/21/16 00:55	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*X*	*39 - 146*	*12/19/16 14:05*	*12/21/16 00:55*	*20*
2-Fluorobiphenyl	*0*	*X*	*37 - 120*	*12/19/16 14:05*	*12/21/16 00:55*	*20*
2-Fluorophenol (Surr)	*0*	*X*	*18 - 120*	*12/19/16 14:05*	*12/21/16 00:55*	*20*
Nitrobenzene-d5 (Surr)	*0*	*X*	*34 - 132*	*12/19/16 14:05*	*12/21/16 00:55*	*20*

Client Sample ID: GCM-2 PRE

Lab Sample ID: 480-111089-3
Date Collected: 12/13/16 09:45
Matrix: Solid
Date Received: 12/14/16 13:43
Percent Solids: 82.5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5 (Surr)	*0*	*X*	*11 - 120*	*12/19/16 14:05*	*12/21/16 00:55*	*20*
p-Terphenyl-d14 (Surr)	*0*	*X*	*65 - 153*	*12/19/16 14:05*	*12/21/16 00:55*	*20*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	**26**		1.5	0.40	mg/Kg	☼	12/22/16 13:36	12/23/16 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*76*		*46 - 156*	*12/22/16 13:36*	*12/23/16 15:27*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**56000**		6000	1800	mg/Kg	☼	12/20/16 11:56	12/20/16 21:30	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*567*	*X*	*48 - 125*	*12/20/16 11:56*	*12/20/16 21:30*	*50*

Client Sample ID: GCM-2 POST

Lab Sample ID: 480-111089-4
Date Collected: 12/13/16 15:15
Matrix: Solid
Date Received: 12/14/16 13:43
Percent Solids: 79.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	67	U	67	18	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
1,1,2,2-Tetrachloroethane	67	U	67	11	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	67	U	67	33	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
1,1,2-Trichloroethane	67	U	67	14	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
1,1-Dichloroethane	67	U	67	21	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
1,1-Dichloroethene	67	U	67	23	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
1,2,4-Trichlorobenzene	67	U	67	25	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
1,2,4-Trimethylbenzene	**280**		67	19	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
1,2-Dibromo-3-Chloropropane	67	U	67	33	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
1,2-Dichlorobenzene	67	U	67	17	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
1,2-Dichloroethane	67	U	67	27	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
1,2-Dichloropropane	67	U	67	11	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
1,3,5-Trimethylbenzene	**110**		67	20	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
1,3-Dichlorobenzene	67	U	67	18	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
1,4-Dichlorobenzene	67	U	67	9.3	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
2-Butanone (MEK)	330	U	330	200	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
2-Hexanone	330	U	330	140	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
4-Isopropyltoluene	**620**		67	22	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
4-Methyl-2-pentanone (MIBK)	330	U	330	21	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Acetone	**350**		330	270	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Benzene	**24**	**J**	67	13	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Bromoform	67	U	67	33	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Bromomethane	67	U	67	15	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Carbon disulfide	67	U	67	30	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Carbon tetrachloride	67	U	67	17	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Chlorobenzene	67	U	67	8.8	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Dibromochloromethane	67	U	67	32	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1

Client Sample ID: GCM-2 POST
Date Collected: 12/13/16 15:15
Date Received: 12/14/16 13:43

Lab Sample ID: 480-111089-4
Matrix: Solid
Percent Solids: 79.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	67	U	67	14	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Chloroform	67	U	67	46	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Chloromethane	67	U	67	16	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
cis-1,2-Dichloroethene	67	U	67	18	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Cyclohexane	67	U	67	15	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Bromodichloromethane	67	U	67	13	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Dichlorodifluoromethane	67	U	67	29	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Ethylbenzene	**68**		67	19	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
1,2-Dibromoethane	67	U	67	12	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Isopropylbenzene	**31**	**J**	67	10	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Methyl acetate	**2100**		330	32	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Methyl tert-butyl ether	67	U	67	25	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Methylcyclohexane	**160**		67	31	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Methylene Chloride	67	U	67	13	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Naphthalene	**250**		67	22	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
n-Butylbenzene	**51**	**J**	67	19	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
N-Propylbenzene	**49**	**J**	67	17	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
sec-Butylbenzene	**28**	**J**	67	25	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Tetrachloroethene	67	U	67	9.0	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Toluene	**95**		67	18	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
trans-1,2-Dichloroethene	67	U	67	16	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
trans-1,3-Dichloropropene	67	U	67	6.6	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Trichloroethene	67	U	67	19	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Trichlorofluoromethane	67	U	67	31	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Vinyl chloride	67	U	67	22	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Xylenes, Total	**350**		130	37	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
cis-1,3-Dichloropropene	67	U	67	16	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
Styrene	67	U	67	16	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1
tert-Butylbenzene	67	U	67	19	ug/Kg	☼	12/15/16 14:15	12/16/16 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*53 - 146*	*12/15/16 14:15*	*12/16/16 04:55*	*1*
4-Bromofluorobenzene (Surr)	*99*		*49 - 148*	*12/15/16 14:15*	*12/16/16 04:55*	*1*
Toluene-d8 (Surr)	*97*		*50 - 149*	*12/15/16 14:15*	*12/16/16 04:55*	*1*
Dibromofluoromethane (Surr)	*94*		*60 - 140*	*12/15/16 14:15*	*12/16/16 04:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	17000	U	17000	4600	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
2,4,6-Trichlorophenol	17000	U	17000	3400	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
2,4-Dichlorophenol	17000	U	17000	1800	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
2,4-Dimethylphenol	17000	U	17000	4100	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
2,4-Dinitrophenol	170000	U	170000	78000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
2,4-Dinitrotoluene	17000	U	17000	3500	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
2,6-Dinitrotoluene	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
2-Chloronaphthalene	17000	U	17000	2800	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
2-Chlorophenol	17000	U	17000	3100	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
2-Methylnaphthalene	17000	U	17000	3400	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
2-Methylphenol	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
2-Nitroaniline	33000	U	33000	2500	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20

Client: Northstar Demolition and Remediation LP
Project/Site: Former Exxon Terminal

TestAmerica Job ID: 480-111089-1

Client Sample ID: GCM-2 POST
Date Collected: 12/13/16 15:15
Date Received: 12/14/16 13:43

Lab Sample ID: 480-111089-4
Matrix: Solid
Percent Solids: 79.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	17000	U	17000	4800	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
3,3'-Dichlorobenzidine	33000	U	33000	20000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
3-Nitroaniline	33000	U	33000	4700	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
4,6-Dinitro-2-methylphenol	33000	U	33000	17000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
4-Bromophenyl phenyl ether	17000	U	17000	2400	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
4-Chloro-3-methylphenol	17000	U	17000	4200	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
4-Chloroaniline	17000	U	17000	4200	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
4-Chlorophenyl phenyl ether	17000	U	17000	2100	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
4-Methylphenol	33000	U	33000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
4-Nitroaniline	33000	U	33000	8900	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
4-Nitrophenol	33000	U	33000	12000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Acenaphthene	17000	U	17000	2500	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Acenaphthylene	17000	U	17000	2200	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Acetophenone	17000	U	17000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Anthracene	17000	U	17000	4200	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Atrazine	17000	U	17000	5900	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Benzaldehyde	17000	U	17000	13000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Benzo[a]anthracene	17000	U	17000	1700	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Benzo[a]pyrene	**2900**	**J**	17000	2500	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Benzo[b]fluoranthene	**3700**	**J**	17000	2700	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Benzo[g,h,i]perylene	**2000**	**J**	17000	1800	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Benzo[k]fluoranthene	17000	U	17000	2200	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Biphenyl	17000	U	17000	2500	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
bis (2-chloroisopropyl) ether	17000	U	17000	3400	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Bis(2-chloroethoxy)methane	17000	U	17000	3600	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Bis(2-chloroethyl)ether	17000	U	17000	2200	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Bis(2-ethylhexyl) phthalate	17000	U	17000	5800	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Butyl benzyl phthalate	17000	U	17000	2800	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Caprolactam	17000	U	17000	5100	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Carbazole	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Chrysene	**17000**		17000	3800	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Dibenz(a,h)anthracene	17000	U	17000	3000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Dibenzofuran	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Diethyl phthalate	17000	U	17000	2200	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Dimethyl phthalate	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Di-n-butyl phthalate	17000	U	17000	2900	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Di-n-octyl phthalate	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Fluoranthene	**4100**	**J**	17000	1800	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Fluorene	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Hexachlorobenzene	17000	U	17000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Hexachlorobutadiene	17000	U	17000	2500	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Hexachlorocyclopentadiene	17000	U	17000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Hexachloroethane	17000	U	17000	2200	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Indeno[1,2,3-cd]pyrene	**2100**	**J**	17000	2100	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Isophorone	17000	U	17000	3600	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Naphthalene	17000	U	17000	2200	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Nitrobenzene	17000	U	17000	1900	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
N-Nitrosodi-n-propylamine	17000	U	17000	2900	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
N-Nitrosodiphenylamine	17000	U	17000	14000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20

Client Sample ID: GCM-2 POST

Lab Sample ID: 480-111089-4
Date Collected: 12/13/16 15:15
Matrix: Solid
Date Received: 12/14/16 13:43
Percent Solids: 79.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	33000	U	33000	17000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Phenanthrene	**7000**	**J**	17000	2500	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Phenol	17000	U	17000	2600	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20
Pyrene	**6800**	**J**	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:20	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*X*	*39 - 146*	*12/19/16 14:05*	*12/21/16 01:20*	*20*
2-Fluorobiphenyl	*0*	*X*	*37 - 120*	*12/19/16 14:05*	*12/21/16 01:20*	*20*
2-Fluorophenol (Surr)	*0*	*X*	*18 - 120*	*12/19/16 14:05*	*12/21/16 01:20*	*20*
Nitrobenzene-d5 (Surr)	*0*	*X*	*34 - 132*	*12/19/16 14:05*	*12/21/16 01:20*	*20*
Phenol-d5 (Surr)	*0*	*X*	*11 - 120*	*12/19/16 14:05*	*12/21/16 01:20*	*20*
p-Terphenyl-d14 (Surr)	*0*	*X*	*65 - 153*	*12/19/16 14:05*	*12/21/16 01:20*	*20*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	**23**		1.5	0.41	mg/Kg	☼	12/22/16 13:36	12/23/16 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*71*		*46 - 156*	*12/22/16 13:36*	*12/23/16 16:01*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**29000**		3200	950	mg/Kg	☼	12/20/16 11:56	12/20/16 22:04	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*836*	*X*	*48 - 125*	*12/20/16 11:56*	*12/20/16 22:04*	*50*

Client Sample ID: GCM-3 PRE

Lab Sample ID: 480-111089-5
Date Collected: 12/13/16 09:45
Matrix: Solid
Date Received: 12/14/16 13:43
Percent Solids: 81.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	66	U	66	18	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
1,1,2,2-Tetrachloroethane	66	U	66	11	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	66	U	66	33	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
1,1,2-Trichloroethane	66	U	66	14	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
1,1-Dichloroethane	66	U	66	20	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
1,1-Dichloroethene	66	U	66	23	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
1,2,4-Trichlorobenzene	66	U	66	25	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
1,2,4-Trimethylbenzene	**250**		66	18	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
1,2-Dibromo-3-Chloropropane	66	U	66	33	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
1,2-Dichlorobenzene	66	U	66	17	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
1,2-Dichloroethane	66	U	66	27	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
1,2-Dichloropropane	66	U	66	11	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
1,3,5-Trimethylbenzene	**100**		66	20	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
1,3-Dichlorobenzene	66	U	66	18	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
1,4-Dichlorobenzene	66	U	66	9.3	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
2-Butanone (MEK)	330	U	330	200	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
2-Hexanone	330	U	330	140	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
4-Isopropyltoluene	**150**		66	22	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1

Client Sample ID: GCM-3 PRE
Date Collected: 12/13/16 09:45
Date Received: 12/14/16 13:43

Lab Sample ID: 480-111089-5
Matrix: Solid
Percent Solids: 81.3

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	330	U	330	21	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Acetone	**300**	**J**	330	270	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Benzene	**22**	**J**	66	13	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Bromoform	66	U	66	33	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Bromomethane	66	U	66	15	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Carbon disulfide	66	U	66	30	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Carbon tetrachloride	66	U	66	17	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Chlorobenzene	66	U	66	8.7	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Dibromochloromethane	66	U	66	32	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Chloroethane	66	U	66	14	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Chloroform	66	U	66	45	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Chloromethane	66	U	66	16	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
cis-1,2-Dichloroethene	66	U	66	18	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Cyclohexane	**120**		66	15	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Bromodichloromethane	66	U	66	13	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Dichlorodifluoromethane	66	U	66	29	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Ethylbenzene	**54**	**J**	66	19	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
1,2-Dibromoethane	66	U	66	12	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Isopropylbenzene	**52**	**J**	66	9.9	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Methyl acetate	**420**		330	31	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Methyl tert-butyl ether	66	U	66	25	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Methylcyclohexane	**320**		66	31	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Methylene Chloride	66	U	66	13	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Naphthalene	**120**		66	22	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
n-Butylbenzene	**81**		66	19	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
N-Propylbenzene	**57**	**J**	66	17	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
sec-Butylbenzene	66	U	66	24	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Tetrachloroethene	66	U	66	8.9	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Toluene	**78**		66	18	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
trans-1,2-Dichloroethene	66	U	66	16	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
trans-1,3-Dichloropropene	66	U	66	6.5	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Trichloroethene	66	U	66	18	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Trichlorofluoromethane	66	U	66	31	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Vinyl chloride	66	U	66	22	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Xylenes, Total	**310**		130	37	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
cis-1,3-Dichloropropene	66	U	66	16	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
Styrene	66	U	66	16	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1
tert-Butylbenzene	66	U	66	18	ug/Kg	☼	12/15/16 14:15	12/16/16 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*53 - 146*	*12/15/16 14:15*	*12/16/16 05:22*	*1*
4-Bromofluorobenzene (Surr)	*98*		*49 - 148*	*12/15/16 14:15*	*12/16/16 05:22*	*1*
Toluene-d8 (Surr)	*91*		*50 - 149*	*12/15/16 14:15*	*12/16/16 05:22*	*1*
Dibromofluoromethane (Surr)	*92*		*60 - 140*	*12/15/16 14:15*	*12/16/16 05:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	17000	U	17000	4500	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
2,4,6-Trichlorophenol	17000	U	17000	3300	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
2,4-Dichlorophenol	17000	U	17000	1800	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20

Client: Northstar Demolition and Remediation LP
Project/Site: Former Exxon Terminal

TestAmerica Job ID: 480-111089-1

Client Sample ID: GCM-3 PRE
Date Collected: 12/13/16 09:45
Date Received: 12/14/16 13:43

Lab Sample ID: 480-111089-5
Matrix: Solid
Percent Solids: 81.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	17000	U	17000	4000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
2,4-Dinitrophenol	160000	U	160000	77000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
2,4-Dinitrotoluene	17000	U	17000	3400	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
2,6-Dinitrotoluene	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
2-Chloronaphthalene	17000	U	17000	2800	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
2-Chlorophenol	17000	U	17000	3000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
2-Methylnaphthalene	17000	U	17000	3300	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
2-Methylphenol	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
2-Nitroaniline	32000	U	32000	2500	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
2-Nitrophenol	17000	U	17000	4700	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
3,3'-Dichlorobenzidine	32000	U	32000	20000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
3-Nitroaniline	32000	U	32000	4600	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
4,6-Dinitro-2-methylphenol	32000	U	32000	17000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
4-Bromophenyl phenyl ether	17000	U	17000	2400	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
4-Chloro-3-methylphenol	17000	U	17000	4100	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
4-Chloroaniline	17000	U	17000	4100	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
4-Chlorophenyl phenyl ether	17000	U	17000	2100	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
4-Methylphenol	32000	U	32000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
4-Nitroaniline	32000	U	32000	8800	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
4-Nitrophenol	32000	U	32000	12000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Acenaphthene	17000	U	17000	2500	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Acenaphthylene	17000	U	17000	2200	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Acetophenone	17000	U	17000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Anthracene	17000	U	17000	4100	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Atrazine	17000	U	17000	5800	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Benzaldehyde	17000	U	17000	13000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Benzo[a]anthracene	17000	U	17000	1700	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Benzo[a]pyrene	17000	U	17000	2500	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Benzo[b]fluoranthene	17000	U	17000	2700	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Benzo[g,h,i]perylene	17000	U	17000	1800	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Benzo[k]fluoranthene	17000	U	17000	2200	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Biphenyl	17000	U	17000	2500	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
bis (2-chloroisopropyl) ether	17000	U	17000	3300	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Bis(2-chloroethoxy)methane	17000	U	17000	3500	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Bis(2-chloroethyl)ether	17000	U	17000	2200	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Bis(2-ethylhexyl) phthalate	17000	U	17000	5700	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Butyl benzyl phthalate	17000	U	17000	2800	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Caprolactam	17000	U	17000	5000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Carbazole	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Chrysene	**19000**		17000	3700	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Dibenz(a,h)anthracene	17000	U	17000	3000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Dibenzofuran	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Diethyl phthalate	17000	U	17000	2200	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Dimethyl phthalate	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Di-n-butyl phthalate	17000	U	17000	2900	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Di-n-octyl phthalate	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Fluoranthene	**2900**	**J**	17000	1800	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Fluorene	17000	U	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Hexachlorobenzene	17000	U	17000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20

Client Sample ID: GCM-3 PRE

Lab Sample ID: 480-111089-5
Date Collected: 12/13/16 09:45
Matrix: Solid
Date Received: 12/14/16 13:43
Percent Solids: 81.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	17000	U	17000	2500	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Hexachlorocyclopentadiene	17000	U	17000	2300	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Hexachloroethane	17000	U	17000	2200	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Indeno[1,2,3-cd]pyrene	17000	U	17000	2100	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Isophorone	17000	U	17000	3500	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Naphthalene	17000	U	17000	2200	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Nitrobenzene	17000	U	17000	1900	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
N-Nitrosodi-n-propylamine	17000	U	17000	2900	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
N-Nitrosodiphenylamine	17000	U	17000	14000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Pentachlorophenol	32000	U	32000	17000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Phenanthrene	**6300**	**J**	17000	2500	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Phenol	17000	U	17000	2600	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20
Pyrene	**8900**	**J**	17000	2000	ug/Kg	☼	12/19/16 14:05	12/21/16 01:45	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*X*	*39 - 146*	*12/19/16 14:05*	*12/21/16 01:45*	*20*
2-Fluorobiphenyl	*0*	*X*	*37 - 120*	*12/19/16 14:05*	*12/21/16 01:45*	*20*
2-Fluorophenol (Surr)	*0*	*X*	*18 - 120*	*12/19/16 14:05*	*12/21/16 01:45*	*20*
Nitrobenzene-d5 (Surr)	*0*	*X*	*34 - 132*	*12/19/16 14:05*	*12/21/16 01:45*	*20*
Phenol-d5 (Surr)	*0*	*X*	*11 - 120*	*12/19/16 14:05*	*12/21/16 01:45*	*20*
p-Terphenyl-d14 (Surr)	*0*	*X*	*65 - 153*	*12/19/16 14:05*	*12/21/16 01:45*	*20*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	**28**		1.5	0.41	mg/Kg	☼	12/22/16 13:36	12/23/16 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*77*		*46 - 156*	*12/22/16 13:36*	*12/23/16 16:36*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**52000**		4000	1200	mg/Kg	☼	12/20/16 11:56	12/20/16 22:38	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*1661*	*X*	*48 - 125*	*12/20/16 11:56*	*12/20/16 22:38*	*50*

Client Sample ID: GCM-3 POST

Lab Sample ID: 480-111089-6
Date Collected: 12/13/16 16:30
Matrix: Solid
Date Received: 12/14/16 13:43
Percent Solids: 82.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	64	U	64	18	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
1,1,2,2-Tetrachloroethane	64	U	64	10	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	64	U	64	32	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
1,1,2-Trichloroethane	64	U	64	13	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
1,1-Dichloroethane	64	U	64	20	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
1,1-Dichloroethene	64	U	64	22	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
1,2,4-Trichlorobenzene	64	U	64	24	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
1,2,4-Trimethylbenzene	**260**		64	18	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
1,2-Dibromo-3-Chloropropane	64	U	64	32	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1

Client: Northstar Demolition and Remediation LP
Project/Site: Former Exxon Terminal

TestAmerica Job ID: 480-111089-1

Client Sample ID: GCM-3 POST
Date Collected: 12/13/16 16:30
Date Received: 12/14/16 13:43

Lab Sample ID: 480-111089-6
Matrix: Solid
Percent Solids: 82.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	64	U	64	16	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
1,2-Dichloroethane	64	U	64	26	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
1,2-Dichloropropane	64	U	64	10	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
1,3,5-Trimethylbenzene	**100**		64	19	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
1,3-Dichlorobenzene	64	U	64	17	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
1,4-Dichlorobenzene	64	U	64	9.0	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
2-Butanone (MEK)	320	U	320	190	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
2-Hexanone	320	U	320	130	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
4-Isopropyltoluene	**150**		64	22	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
4-Methyl-2-pentanone (MIBK)	320	U	320	20	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Acetone	320	U	320	260	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Benzene	**24**	**J**	64	12	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Bromoform	64	U	64	32	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Bromomethane	64	U	64	14	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Carbon disulfide	64	U	64	29	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Carbon tetrachloride	64	U	64	16	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Chlorobenzene	64	U	64	8.4	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Dibromochloromethane	64	U	64	31	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Chloroethane	64	U	64	13	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Chloroform	64	U	64	44	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Chloromethane	64	U	64	15	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
cis-1,2-Dichloroethene	64	U	64	18	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Cyclohexane	64	U	64	14	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Bromodichloromethane	64	U	64	13	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Dichlorodifluoromethane	64	U	64	28	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Ethylbenzene	**59**	**J**	64	19	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
1,2-Dibromoethane	64	U	64	11	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Isopropylbenzene	**38**	**J**	64	9.6	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Methyl acetate	**1800**		320	30	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Methyl tert-butyl ether	64	U	64	24	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Methylcyclohexane	**170**		64	30	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Methylene Chloride	64	U	64	13	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Naphthalene	**140**		64	22	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
n-Butylbenzene	**53**	**J**	64	19	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
N-Propylbenzene	**52**	**J**	64	17	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
sec-Butylbenzene	**35**	**J**	64	24	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Tetrachloroethene	64	U	64	8.6	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Toluene	**68**		64	17	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
trans-1,2-Dichloroethene	64	U	64	15	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
trans-1,3-Dichloropropene	64	U	64	6.3	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Trichloroethene	64	U	64	18	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Trichlorofluoromethane	64	U	64	30	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Vinyl chloride	64	U	64	21	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Xylenes, Total	**280**		130	35	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
cis-1,3-Dichloropropene	64	U	64	15	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
Styrene	64	U	64	15	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1
tert-Butylbenzene	64	U	64	18	ug/Kg	☼	12/15/16 14:15	12/16/16 05:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*53 - 146*	*12/15/16 14:15*	*12/16/16 05:49*	*1*

Client Sample ID: GCM-3 POST
Date Collected: 12/13/16 16:30
Date Received: 12/14/16 13:43

Lab Sample ID: 480-111089-6
Matrix: Solid
Percent Solids: 82.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*99*		*49 - 148*	*12/15/16 14:15*	*12/16/16 05:49*	*1*
Toluene-d8 (Surr)	*94*		*50 - 149*	*12/15/16 14:15*	*12/16/16 05:49*	*1*
Dibromofluoromethane (Surr)	*92*		*60 - 140*	*12/15/16 14:15*	*12/16/16 05:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	25000	U	25000	6700	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
2,4,6-Trichlorophenol	25000	U	25000	4900	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
2,4-Dichlorophenol	25000	U	25000	2600	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
2,4-Dimethylphenol	25000	U	25000	6000	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
2,4-Dinitrophenol	240000	U	240000	110000	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
2,4-Dinitrotoluene	25000	U	25000	5100	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
2,6-Dinitrotoluene	25000	U	25000	2900	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
2-Chloronaphthalene	25000	U	25000	4100	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
2-Chlorophenol	25000	U	25000	4500	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
2-Methylnaphthalene	25000	U	25000	4900	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
2-Methylphenol	25000	U	25000	2900	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
2-Nitroaniline	48000	U *	48000	3600	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
2-Nitrophenol	25000	U	25000	7000	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
3,3'-Dichlorobenzidine	48000	U	48000	29000	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
3-Nitroaniline	48000	U	48000	6800	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
4,6-Dinitro-2-methylphenol	48000	U	48000	25000	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
4-Bromophenyl phenyl ether	25000	U	25000	3500	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
4-Chloro-3-methylphenol	25000	U	25000	6100	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
4-Chloroaniline	25000	U	25000	6100	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
4-Chlorophenyl phenyl ether	25000	U	25000	3100	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
4-Methylphenol	48000	U	48000	2900	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
4-Nitroaniline	48000	U	48000	13000	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
4-Nitrophenol	48000	U	48000	17000	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Acenaphthene	25000	U	25000	3600	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Acenaphthylene	25000	U	25000	3200	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Acetophenone	25000	U	25000	3300	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Anthracene	25000	U	25000	6100	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Atrazine	25000	U	25000	8600	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Benzaldehyde	25000	U	25000	20000	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Benzo[a]anthracene	25000	U	25000	2500	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Benzo[a]pyrene	25000	U	25000	3600	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Benzo[b]fluoranthene	25000	U	25000	3900	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Benzo[g,h,i]perylene	25000	U	25000	2600	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Benzo[k]fluoranthene	25000	U	25000	3200	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Biphenyl	25000	U	25000	3600	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
bis (2-chloroisopropyl) ether	25000	U	25000	4900	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Bis(2-chloroethoxy)methane	25000	U	25000	5200	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Bis(2-chloroethyl)ether	25000	U	25000	3200	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Bis(2-ethylhexyl) phthalate	25000	U	25000	8400	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Butyl benzyl phthalate	25000	U	25000	4100	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Caprolactam	25000	U	25000	7400	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Carbazole	25000	U	25000	2900	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Chrysene	**7000**	**J**	25000	5500	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20

Client Sample ID: GCM-3 POST
Date Collected: 12/13/16 16:30
Date Received: 12/14/16 13:43

Lab Sample ID: 480-111089-6
Matrix: Solid
Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	25000	U	25000	4400	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Dibenzofuran	25000	U	25000	2900	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Diethyl phthalate	25000	U	25000	3200	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Dimethyl phthalate	25000	U	25000	2900	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Di-n-butyl phthalate	25000	U	25000	4200	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Di-n-octyl phthalate	25000	U	25000	2900	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Fluoranthene	25000	U	25000	2600	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Fluorene	25000	U	25000	2900	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Hexachlorobenzene	25000	U	25000	3300	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Hexachlorobutadiene	25000	U	25000	3600	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Hexachlorocyclopentadiene	25000	U *	25000	3300	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Hexachloroethane	25000	U	25000	3200	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Indeno[1,2,3-cd]pyrene	25000	U	25000	3100	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Isophorone	25000	U	25000	5200	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Naphthalene	25000	U	25000	3200	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Nitrobenzene	25000	U	25000	2800	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
N-Nitrosodi-n-propylamine	25000	U	25000	4200	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
N-Nitrosodiphenylamine	25000	U	25000	20000	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Pentachlorophenol	48000	U	48000	25000	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Phenanthrene	**7200**	**J**	25000	3600	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Phenol	25000	U	25000	3800	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20
Pyrene	25000	U	25000	2900	ug/Kg	☼	12/22/16 07:19	12/23/16 13:42	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*X*	*39 - 146*	*12/22/16 07:19*	*12/23/16 13:42*	*20*
2-Fluorobiphenyl	*0*	*X*	*37 - 120*	*12/22/16 07:19*	*12/23/16 13:42*	*20*
2-Fluorophenol (Surr)	*0*	*X*	*18 - 120*	*12/22/16 07:19*	*12/23/16 13:42*	*20*
Nitrobenzene-d5 (Surr)	*0*	*X*	*34 - 132*	*12/22/16 07:19*	*12/23/16 13:42*	*20*
Phenol-d5 (Surr)	*0*	*X*	*11 - 120*	*12/22/16 07:19*	*12/23/16 13:42*	*20*
p-Terphenyl-d14 (Surr)	*0*	*X*	*65 - 153*	*12/22/16 07:19*	*12/23/16 13:42*	*20*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	**27**		1.5	0.40	mg/Kg	☼	12/22/16 13:36	12/23/16 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*75*		*46 - 156*	*12/22/16 13:36*	*12/23/16 17:10*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**27000**		3000	900	mg/Kg	☼	12/20/16 11:56	12/20/16 23:12	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*48 - 125*	*12/20/16 11:56*	*12/20/16 23:12*	*50*

Client Sample ID: LEAD-1 PRE

Lab Sample ID: 480-111089-7
Date Collected: 12/14/16 09:15
Matrix: Solid
Date Received: 12/14/16 13:43
Percent Solids: 69.8

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5850		1.4	0.34	mg/Kg	☼	12/15/16 16:18	12/16/16 19:08	1

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	16.0		0.020	0.0030	mg/L		12/16/16 11:47	12/19/16 18:27	1

Client Sample ID: LEAD-1 POST

Lab Sample ID: 480-111089-8
Date Collected: 12/14/16 10:30
Matrix: Solid
Date Received: 12/14/16 13:43
Percent Solids: 69.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5500		1.5	0.37	mg/Kg	☼	12/15/16 16:18	12/16/16 19:12	1

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.3		0.020	0.0030	mg/L		12/16/16 11:57	12/19/16 17:40	1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(53-146)	(49-148)	(50-149)	(60-140)
480-111089-1	GCM-1 PRE	97	100	93	92
480-111089-2	GCM-1 POST	92	100	95	91
480-111089-3	GCM-2 PRE	91	99	96	90
480-111089-4	GCM-2 POST	97	99	97	94
480-111089-5	GCM-3 PRE	94	98	91	92
480-111089-6	GCM-3 POST	93	99	94	92
LCS 480-336633/1-A	Lab Control Sample	94	102	96	93
MB 480-336633/2-A	Method Blank	92	97	94	91

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(39-146)	(37-120)	(18-120)	(34-132)	(11-120)	(65-153)
480-111089-1	GCM-1 PRE	0 X	0 X	0 X	0 X	0 X	0 X
480-111089-2	GCM-1 POST	0 X	0 X	0 X	0 X	0 X	0 X
480-111089-3	GCM-2 PRE	0 X	0 X	0 X	0 X	0 X	0 X
480-111089-4	GCM-2 POST	0 X	0 X	0 X	0 X	0 X	0 X
480-111089-5	GCM-3 PRE	0 X	0 X	0 X	0 X	0 X	0 X
480-111089-6	GCM-3 POST	0 X	0 X	0 X	0 X	0 X	0 X
LCS 480-337144/2-A	Lab Control Sample	107	79	67	74	66	84
LCS 480-337662/2-A	Lab Control Sample	131	98	67	85	74	89
MB 480-337144/1-A	Method Blank	73	70	60	64	58	83
MB 480-337662/1-A	Method Blank	112	95	57	92	64	95

Surrogate Legend

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

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		TFT2
Lab Sample ID	Client Sample ID	(46-156)
480-111089-1	GCM-1 PRE	80
480-111089-2	GCM-1 POST	79
480-111089-3	GCM-2 PRE	76
480-111089-4	GCM-2 POST	71

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TFT2 (46-156)							
480-111089-5	GCM-3 PRE	77							
480-111089-6	GCM-3 POST	75							
LCS 480-337788/2-A	Lab Control Sample	94							
LCSD 480-337788/3-A	Lab Control Sample Dup	93							
MB 480-337788/1-A	Method Blank	90							

Surrogate Legend

TFT = a,a,a-Trifluorotoluene

Method: 8015D - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	OTPH (48-125)							
480-111089-1	GCM-1 PRE	291 X							
480-111089-2	GCM-1 POST	545 X							
480-111089-3	GCM-2 PRE	567 X							
480-111089-4	GCM-2 POST	836 X							
480-111089-5	GCM-3 PRE	1661 X							
480-111089-6	GCM-3 POST	89							
480-111089-6 MS	GCM-3 POST	214 X							
480-111089-6 MSD	GCM-3 POST	140 X							
LCS 480-337322/2-A	Lab Control Sample	94							
MB 480-337322/1-A	Method Blank	91							

Surrogate Legend

OTPH = o-Terphenyl

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-336633/2-A
Matrix: Solid
Analysis Batch: 336702

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 336633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	100	U	100	28	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
1,1,2,2-Tetrachloroethane	100	U	100	16	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	100	51	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
1,1,2-Trichloroethane	100	U	100	21	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
1,1-Dichloroethane	100	U	100	31	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
1,1-Dichloroethene	100	U	100	35	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
1,2,4-Trichlorobenzene	100	U	100	38	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
1,2,4-Trimethylbenzene	100	U	100	28	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
1,2-Dibromo-3-Chloropropane	100	U	100	51	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
1,2-Dichlorobenzene	100	U	100	26	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
1,2-Dichloroethane	100	U	100	41	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
1,2-Dichloropropane	100	U	100	16	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
1,3,5-Trimethylbenzene	100	U	100	31	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
1,3-Dichlorobenzene	100	U	100	27	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
1,4-Dichlorobenzene	100	U	100	14	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
2-Butanone (MEK)	510	U	510	300	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
2-Hexanone	510	U	510	210	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
4-Isopropyltoluene	100	U	100	34	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
4-Methyl-2-pentanone (MIBK)	510	U	510	32	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Acetone	510	U	510	420	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Benzene	100	U	100	19	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Bromoform	100	U	100	51	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Bromomethane	100	U	100	22	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Carbon disulfide	100	U	100	46	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Carbon tetrachloride	100	U	100	26	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Chlorobenzene	100	U	100	13	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Dibromochloromethane	100	U	100	49	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Chloroethane	100	U	100	21	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Chloroform	100	U	100	69	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Chloromethane	100	U	100	24	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
cis-1,2-Dichloroethene	100	U	100	28	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Cyclohexane	100	U	100	22	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Bromodichloromethane	100	U	100	20	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Dichlorodifluoromethane	100	U	100	44	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Ethylbenzene	100	U	100	29	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
1,2-Dibromoethane	100	U	100	18	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Isopropylbenzene	100	U	100	15	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Methyl acetate	510	U	510	48	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Methyl tert-butyl ether	100	U	100	38	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Methylcyclohexane	100	U	100	47	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Methylene Chloride	56.7	J	100	20	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Naphthalene	100	U	100	34	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
n-Butylbenzene	100	U	100	29	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
N-Propylbenzene	100	U	100	26	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
sec-Butylbenzene	100	U	100	37	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Tetrachloroethene	100	U	100	14	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Toluene	100	U	100	27	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
trans-1,2-Dichloroethene	100	U	100	24	ug/Kg		12/15/16 14:15	12/16/16 00:09	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-336633/2-A
Matrix: Solid
Analysis Batch: 336702

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 336633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	100	U	100	9.9	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Trichloroethene	100	U	100	28	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Trichlorofluoromethane	100	U	100	47	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Vinyl chloride	100	U	100	34	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Xylenes, Total	200	U	200	56	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
cis-1,3-Dichloropropene	100	U	100	24	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
Styrene	100	U	100	24	ug/Kg		12/15/16 14:15	12/16/16 00:09	1
tert-Butylbenzene	100	U	100	28	ug/Kg		12/15/16 14:15	12/16/16 00:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*53 - 146*	*12/15/16 14:15*	*12/16/16 00:09*	*1*
4-Bromofluorobenzene (Surr)	*97*		*49 - 148*	*12/15/16 14:15*	*12/16/16 00:09*	*1*
Toluene-d8 (Surr)	*94*		*50 - 149*	*12/15/16 14:15*	*12/16/16 00:09*	*1*
Dibromofluoromethane (Surr)	*91*		*60 - 140*	*12/15/16 14:15*	*12/16/16 00:09*	*1*

Lab Sample ID: LCS 480-336633/1-A
Matrix: Solid
Analysis Batch: 336702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 336633

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	2520	2290		ug/Kg		91	68 - 130
1,1,2,2-Tetrachloroethane	2520	2420		ug/Kg		96	73 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	2520	2500		ug/Kg		100	10 - 179
1,1,2-Trichloroethane	2520	2270		ug/Kg		90	80 - 120
1,1-Dichloroethane	2520	2230		ug/Kg		89	78 - 121
1,1-Dichloroethene	2520	2230		ug/Kg		89	48 - 133
1,2,4-Trichlorobenzene	2520	2340		ug/Kg		93	70 - 140
1,2,4-Trimethylbenzene	2520	2390		ug/Kg		95	77 - 127
1,2-Dibromo-3-Chloropropane	2520	2260		ug/Kg		90	56 - 122
1,2-Dichlorobenzene	2520	2460		ug/Kg		98	78 - 125
1,2-Dichloroethane	2520	2320		ug/Kg		92	74 - 127
1,2-Dichloropropane	2520	2380		ug/Kg		95	80 - 120
1,3,5-Trimethylbenzene	2520	2360		ug/Kg		94	79 - 120
1,3-Dichlorobenzene	2520	2440		ug/Kg		97	80 - 120
1,4-Dichlorobenzene	2520	2510		ug/Kg		100	80 - 120
2-Butanone (MEK)	12600	11300		ug/Kg		90	54 - 149
2-Hexanone	12600	10100		ug/Kg		81	59 - 127
4-Isopropyltoluene	2520	2370		ug/Kg		94	80 - 120
4-Methyl-2-pentanone (MIBK)	12600	10700		ug/Kg		85	74 - 120
Acetone	12600	11200		ug/Kg		89	47 - 141
Benzene	2520	2410		ug/Kg		96	77 - 125
Bromoform	2520	2190		ug/Kg		87	48 - 125
Bromomethane	2520	2360		ug/Kg		94	39 - 149
Carbon disulfide	2520	1970		ug/Kg		78	40 - 136
Carbon tetrachloride	2520	2310		ug/Kg		92	54 - 135
Chlorobenzene	2520	2390		ug/Kg		95	76 - 126
Dibromochloromethane	2520	2180		ug/Kg		87	64 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-336633/1-A
Matrix: Solid
Analysis Batch: 336702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 336633

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	2520	1950		ug/Kg		77	23 - 150
Chloroform	2520	2330		ug/Kg		93	78 - 120
Chloromethane	2520	2250		ug/Kg		90	61 - 124
cis-1,2-Dichloroethene	2520	2390		ug/Kg		95	79 - 124
Cyclohexane	2520	2290		ug/Kg		91	49 - 129
Bromodichloromethane	2520	2180		ug/Kg		87	71 - 121
Dichlorodifluoromethane	2520	2460		ug/Kg		98	10 - 150
Ethylbenzene	2520	2390		ug/Kg		95	78 - 124
1,2-Dibromoethane	2520	2440		ug/Kg		97	80 - 120
Isopropylbenzene	2520	2440		ug/Kg		97	76 - 120
Methyl acetate	12600	10400		ug/Kg		83	71 - 123
Methyl tert-butyl ether	2520	2240		ug/Kg		89	67 - 137
Methylcyclohexane	2520	2490		ug/Kg		99	50 - 130
Methylene Chloride	2520	2220		ug/Kg		88	75 - 118
Naphthalene	2520	2350		ug/Kg		93	65 - 142
n-Butylbenzene	2520	2410		ug/Kg		96	80 - 120
N-Propylbenzene	2520	2410		ug/Kg		96	76 - 120
sec-Butylbenzene	2520	2480		ug/Kg		99	79 - 120
Tetrachloroethene	2520	2440		ug/Kg		97	73 - 133
Toluene	2520	2400		ug/Kg		95	75 - 124
trans-1,2-Dichloroethene	2520	2340		ug/Kg		93	74 - 129
trans-1,3-Dichloropropene	2520	2410		ug/Kg		96	73 - 120
Trichloroethene	2520	2460		ug/Kg		98	75 - 131
Trichlorofluoromethane	2520	2180		ug/Kg		87	29 - 158
Vinyl chloride	2520	2610		ug/Kg		104	59 - 124
cis-1,3-Dichloropropene	2520	2420		ug/Kg		96	75 - 121
Styrene	2520	2410		ug/Kg		96	80 - 120
tert-Butylbenzene	2520	2430		ug/Kg		97	78 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*53 - 146*
4-Bromofluorobenzene (Surr)	*102*		*49 - 148*
Toluene-d8 (Surr)	*96*		*50 - 149*
Dibromofluoromethane (Surr)	*93*		*60 - 140*

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

Lab Sample ID: MB 480-337144/1-A
Matrix: Solid
Analysis Batch: 337252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 337144

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	170	U	170	46	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
2,4,6-Trichlorophenol	170	U	170	34	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
2,4-Dichlorophenol	170	U	170	18	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
2,4-Dimethylphenol	170	U	170	41	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
2,4-Dinitrophenol	1600	U	1600	780	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
2,4-Dinitrotoluene	170	U	170	35	ug/Kg		12/19/16 14:05	12/20/16 09:46	1

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

Lab Sample ID: MB 480-337144/1-A
Matrix: Solid
Analysis Batch: 337252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 337144

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	170	U	170	20	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
2-Chloronaphthalene	170	U	170	28	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
2-Chlorophenol	170	U	170	31	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
2-Methylnaphthalene	170	U	170	34	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
2-Methylphenol	170	U	170	20	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
2-Nitroaniline	330	U	330	25	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
2-Nitrophenol	170	U	170	48	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
3,3'-Dichlorobenzidine	330	U	330	200	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
3-Nitroaniline	330	U	330	47	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
4,6-Dinitro-2-methylphenol	330	U	330	170	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
4-Bromophenyl phenyl ether	170	U	170	24	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
4-Chloro-3-methylphenol	170	U	170	42	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
4-Chloroaniline	170	U	170	42	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
4-Chlorophenyl phenyl ether	170	U	170	21	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
4-Methylphenol	330	U	330	20	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
4-Nitroaniline	330	U	330	88	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
4-Nitrophenol	330	U	330	120	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Acenaphthene	170	U	170	25	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Acenaphthylene	170	U	170	22	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Acetophenone	170	U	170	23	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Anthracene	170	U	170	42	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Atrazine	170	U	170	58	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Benzaldehyde	170	U	170	130	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Benzo[a]anthracene	170	U	170	17	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Benzo[a]pyrene	170	U	170	25	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Benzo[b]fluoranthene	170	U	170	27	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Benzo[g,h,i]perylene	170	U	170	18	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Benzo[k]fluoranthene	170	U	170	22	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Biphenyl	170	U	170	25	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
bis (2-chloroisopropyl) ether	170	U	170	34	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Bis(2-chloroethoxy)methane	170	U	170	36	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Bis(2-chloroethyl)ether	170	U	170	22	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Bis(2-ethylhexyl) phthalate	170	U	170	58	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Butyl benzyl phthalate	170	U	170	28	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Caprolactam	170	U	170	51	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Carbazole	170	U	170	20	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Chrysene	170	U	170	38	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Dibenz(a,h)anthracene	170	U	170	30	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Dibenzofuran	170	U	170	20	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Diethyl phthalate	170	U	170	22	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Dimethyl phthalate	170	U	170	20	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Di-n-butyl phthalate	170	U	170	29	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Di-n-octyl phthalate	170	U	170	20	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Fluoranthene	170	U	170	18	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Fluorene	170	U	170	20	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Hexachlorobenzene	170	U	170	23	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Hexachlorobutadiene	170	U	170	25	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Hexachlorocyclopentadiene	170	U	170	23	ug/Kg		12/19/16 14:05	12/20/16 09:46	1

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

Lab Sample ID: MB 480-337144/1-A
Matrix: Solid
Analysis Batch: 337252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 337144

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	170	U	170	22	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Indeno[1,2,3-cd]pyrene	170	U	170	21	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Isophorone	170	U	170	36	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Naphthalene	170	U	170	22	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Nitrobenzene	170	U	170	19	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
N-Nitrosodi-n-propylamine	170	U	170	29	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
N-Nitrosodiphenylamine	170	U	170	140	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Pentachlorophenol	330	U	330	170	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Phenanthrene	170	U	170	25	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Phenol	170	U	170	26	ug/Kg		12/19/16 14:05	12/20/16 09:46	1
Pyrene	170	U	170	20	ug/Kg		12/19/16 14:05	12/20/16 09:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*39 - 146*	*12/19/16 14:05*	*12/20/16 09:46*	*1*
2-Fluorobiphenyl	*70*		*37 - 120*	*12/19/16 14:05*	*12/20/16 09:46*	*1*
2-Fluorophenol (Surr)	*60*		*18 - 120*	*12/19/16 14:05*	*12/20/16 09:46*	*1*
Nitrobenzene-d5 (Surr)	*64*		*34 - 132*	*12/19/16 14:05*	*12/20/16 09:46*	*1*
Phenol-d5 (Surr)	*58*		*11 - 120*	*12/19/16 14:05*	*12/20/16 09:46*	*1*
p-Terphenyl-d14 (Surr)	*83*		*65 - 153*	*12/19/16 14:05*	*12/20/16 09:46*	*1*

Lab Sample ID: LCS 480-337144/2-A
Matrix: Solid
Analysis Batch: 337252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 337144

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	1640	1520		ug/Kg		93	59 - 126
2,4,6-Trichlorophenol	1640	1490		ug/Kg		91	59 - 123
2,4-Dichlorophenol	1640	1410		ug/Kg		86	61 - 120
2,4-Dimethylphenol	1640	1240		ug/Kg		76	59 - 120
2,4-Dinitrophenol	3280	2830		ug/Kg		86	41 - 146
2,4-Dinitrotoluene	1640	1610		ug/Kg		98	63 - 120
2,6-Dinitrotoluene	1640	1500		ug/Kg		92	66 - 120
2-Chloronaphthalene	1640	1360		ug/Kg		83	57 - 120
2-Chlorophenol	1640	1220		ug/Kg		74	53 - 120
2-Methylnaphthalene	1640	1400		ug/Kg		85	59 - 120
2-Methylphenol	1640	1170		ug/Kg		71	54 - 120
2-Nitroaniline	1640	1430		ug/Kg		87	61 - 120
2-Nitrophenol	1640	1300		ug/Kg		79	56 - 120
3,3'-Dichlorobenzidine	3280	2490		ug/Kg		76	54 - 120
3-Nitroaniline	1640	1160		ug/Kg		71	48 - 120
4,6-Dinitro-2-methylphenol	3280	2950		ug/Kg		90	49 - 122
4-Bromophenyl phenyl ether	1640	1670		ug/Kg		102	58 - 120
4-Chloro-3-methylphenol	1640	1540		ug/Kg		94	61 - 120
4-Chloroaniline	1640	1130		ug/Kg		69	38 - 120
4-Chlorophenyl phenyl ether	1640	1550		ug/Kg		94	63 - 124
4-Methylphenol	1640	1180		ug/Kg		72	55 - 120
4-Nitroaniline	1640	1360		ug/Kg		83	56 - 120
4-Nitrophenol	3280	3470		ug/Kg		106	43 - 147

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

Lab Sample ID: LCS 480-337144/2-A
Matrix: Solid
Analysis Batch: 337252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 337144

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1640	1420		ug/Kg		87	62 - 120
Acenaphthylene	1640	1430		ug/Kg		87	58 - 121
Acetophenone	1640	1250		ug/Kg		76	54 - 120
Anthracene	1640	1460		ug/Kg		89	62 - 120
Atrazine	3280	3400		ug/Kg		104	60 - 127
Benzaldehyde	3280	1840		ug/Kg		56	10 - 150
Benzo[a]anthracene	1640	1460		ug/Kg		89	65 - 120
Benzo[a]pyrene	1640	1440		ug/Kg		88	64 - 120
Benzo[b]fluoranthene	1640	1530		ug/Kg		93	64 - 120
Benzo[g,h,i]perylene	1640	1450		ug/Kg		89	45 - 145
Benzo[k]fluoranthene	1640	1430		ug/Kg		88	65 - 120
Biphenyl	1640	1360		ug/Kg		83	59 - 120
bis (2-chloroisopropyl) ether	1640	862		ug/Kg		53	44 - 120
Bis(2-chloroethoxy)methane	1640	1210		ug/Kg		74	55 - 120
Bis(2-chloroethyl)ether	1640	1050		ug/Kg		64	45 - 120
Bis(2-ethylhexyl) phthalate	1640	1470		ug/Kg		90	61 - 133
Butyl benzyl phthalate	1640	1470		ug/Kg		90	61 - 129
Caprolactam	3280	2820		ug/Kg		86	47 - 120
Carbazole	1640	1370		ug/Kg		84	65 - 120
Chrysene	1640	1450		ug/Kg		89	64 - 120
Dibenz(a,h)anthracene	1640	1440		ug/Kg		88	54 - 132
Dibenzofuran	1640	1440		ug/Kg		88	63 - 120
Diethyl phthalate	1640	1590		ug/Kg		97	66 - 120
Dimethyl phthalate	1640	1540		ug/Kg		94	65 - 124
Di-n-butyl phthalate	1640	1510		ug/Kg		92	58 - 130
Di-n-octyl phthalate	1640	1450		ug/Kg		89	57 - 133
Fluoranthene	1640	1480		ug/Kg		90	62 - 120
Fluorene	1640	1490		ug/Kg		91	63 - 120
Hexachlorobenzene	1640	1700		ug/Kg		104	60 - 120
Hexachlorobutadiene	1640	1500		ug/Kg		92	45 - 120
Hexachlorocyclopentadiene	1640	1530		ug/Kg		93	47 - 120
Hexachloroethane	1640	1100		ug/Kg		67	41 - 120
Indeno[1,2,3-cd]pyrene	1640	1450		ug/Kg		89	56 - 134
Isophorone	1640	1290		ug/Kg		79	56 - 120
Naphthalene	1640	1250		ug/Kg		77	55 - 120
Nitrobenzene	1640	1240		ug/Kg		76	54 - 120
N-Nitrosodi-n-propylamine	1640	1150		ug/Kg		70	52 - 120
N-Nitrosodiphenylamine	1640	1360		ug/Kg		83	51 - 128
Pentachlorophenol	3280	2690		ug/Kg		82	51 - 120
Phenanthrene	1640	1420		ug/Kg		87	60 - 120
Phenol	1640	1080		ug/Kg		66	53 - 120
Pyrene	1640	1430		ug/Kg		87	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*107*		*39 - 146*
2-Fluorobiphenyl	*79*		*37 - 120*
2-Fluorophenol (Surr)	*67*		*18 - 120*
Nitrobenzene-d5 (Surr)	*74*		*34 - 132*

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

Lab Sample ID: LCS 480-337144/2-A
Matrix: Solid
Analysis Batch: 337252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 337144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Phenol-d5 (Surr)	66		11 - 120
p-Terphenyl-d14 (Surr)	84		65 - 153

Lab Sample ID: MB 480-337662/1-A
Matrix: Solid
Analysis Batch: 337856

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 337662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	170	U	170	45	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
2,4,6-Trichlorophenol	170	U	170	34	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
2,4-Dichlorophenol	170	U	170	18	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
2,4-Dimethylphenol	170	U	170	40	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
2,4-Dinitrophenol	1600	U	1600	770	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
2,4-Dinitrotoluene	170	U	170	35	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
2,6-Dinitrotoluene	170	U	170	20	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
2-Chloronaphthalene	170	U	170	28	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
2-Chlorophenol	170	U	170	31	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
2-Methylnaphthalene	170	U	170	34	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
2-Methylphenol	170	U	170	20	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
2-Nitroaniline	330	U	330	25	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
2-Nitrophenol	170	U	170	47	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
3,3'-Dichlorobenzidine	330	U	330	200	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
3-Nitroaniline	330	U	330	46	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
4,6-Dinitro-2-methylphenol	330	U	330	170	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
4-Bromophenyl phenyl ether	170	U	170	24	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
4-Chloro-3-methylphenol	170	U	170	41	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
4-Chloroaniline	170	U	170	41	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
4-Chlorophenyl phenyl ether	170	U	170	21	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
4-Methylphenol	330	U	330	20	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
4-Nitroaniline	330	U	330	88	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
4-Nitrophenol	330	U	330	120	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Acenaphthene	170	U	170	25	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Acenaphthylene	170	U	170	22	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Acetophenone	170	U	170	23	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Anthracene	170	U	170	41	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Atrazine	170	U	170	58	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Benzaldehyde	170	U	170	130	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Benzo[a]anthracene	170	U	170	17	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Benzo[a]pyrene	170	U	170	25	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Benzo[b]fluoranthene	170	U	170	27	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Benzo[g,h,i]perylene	170	U	170	18	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Benzo[k]fluoranthene	170	U	170	22	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Biphenyl	170	U	170	25	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
bis (2-chloroisopropyl) ether	170	U	170	34	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Bis(2-chloroethoxy)methane	170	U	170	36	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Bis(2-chloroethyl)ether	170	U	170	22	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Bis(2-ethylhexyl) phthalate	145	J	170	57	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Butyl benzyl phthalate	170	U	170	28	ug/Kg		12/22/16 07:19	12/23/16 07:35	1

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

Lab Sample ID: MB 480-337662/1-A
Matrix: Solid
Analysis Batch: 337856

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 337662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	170	U	170	50	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Carbazole	170	U	170	20	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Chrysene	170	U	170	38	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Dibenz(a,h)anthracene	170	U	170	30	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Dibenzofuran	170	U	170	20	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Diethyl phthalate	170	U	170	22	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Dimethyl phthalate	170	U	170	20	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Di-n-butyl phthalate	170	U	170	29	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Di-n-octyl phthalate	170	U	170	20	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Fluoranthene	170	U	170	18	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Fluorene	170	U	170	20	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Hexachlorobenzene	170	U	170	23	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Hexachlorobutadiene	170	U	170	25	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Hexachlorocyclopentadiene	170	U	170	23	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Hexachloroethane	170	U	170	22	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Indeno[1,2,3-cd]pyrene	170	U	170	21	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Isophorone	170	U	170	36	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Naphthalene	170	U	170	22	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Nitrobenzene	170	U	170	19	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
N-Nitrosodi-n-propylamine	170	U	170	29	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
N-Nitrosodiphenylamine	170	U	170	140	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Pentachlorophenol	330	U	330	170	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Phenanthrene	170	U	170	25	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Phenol	170	U	170	26	ug/Kg		12/22/16 07:19	12/23/16 07:35	1
Pyrene	170	U	170	20	ug/Kg		12/22/16 07:19	12/23/16 07:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*112*		*39 - 146*	*12/22/16 07:19*	*12/23/16 07:35*	*1*
2-Fluorobiphenyl	*95*		*37 - 120*	*12/22/16 07:19*	*12/23/16 07:35*	*1*
2-Fluorophenol (Surr)	*57*		*18 - 120*	*12/22/16 07:19*	*12/23/16 07:35*	*1*
Nitrobenzene-d5 (Surr)	*92*		*34 - 132*	*12/22/16 07:19*	*12/23/16 07:35*	*1*
Phenol-d5 (Surr)	*64*		*11 - 120*	*12/22/16 07:19*	*12/23/16 07:35*	*1*
p-Terphenyl-d14 (Surr)	*95*		*65 - 153*	*12/22/16 07:19*	*12/23/16 07:35*	*1*

Lab Sample ID: LCS 480-337662/2-A
Matrix: Solid
Analysis Batch: 337856

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 337662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	1630	1900		ug/Kg		117	59 - 126
2,4,6-Trichlorophenol	1630	2010		ug/Kg		123	59 - 123
2,4-Dichlorophenol	1630	1360		ug/Kg		83	61 - 120
2,4-Dimethylphenol	1630	1330		ug/Kg		82	59 - 120
2,4-Dinitrophenol	3260	3220		ug/Kg		99	41 - 146
2,4-Dinitrotoluene	1630	1690		ug/Kg		104	63 - 120
2,6-Dinitrotoluene	1630	1810		ug/Kg		111	66 - 120
2-Chloronaphthalene	1630	1610		ug/Kg		99	57 - 120
2-Chlorophenol	1630	1220		ug/Kg		75	53 - 120

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

Lab Sample ID: LCS 480-337662/2-A
Matrix: Solid
Analysis Batch: 337856

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 337662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	1630	1250		ug/Kg		76	59 - 120
2-Methylphenol	1630	1530		ug/Kg		94	54 - 120
2-Nitroaniline	1630	2160	*	ug/Kg		133	61 - 120
2-Nitrophenol	1630	1310		ug/Kg		80	56 - 120
3,3'-Dichlorobenzidine	3260	2630		ug/Kg		81	54 - 120
3-Nitroaniline	1630	1180		ug/Kg		73	48 - 120
4,6-Dinitro-2-methylphenol	3260	3470		ug/Kg		106	49 - 122
4-Bromophenyl phenyl ether	1630	1850		ug/Kg		114	58 - 120
4-Chloro-3-methylphenol	1630	1450		ug/Kg		89	61 - 120
4-Chloroaniline	1630	1240		ug/Kg		76	38 - 120
4-Chlorophenyl phenyl ether	1630	1650		ug/Kg		101	63 - 124
4-Methylphenol	1630	1590		ug/Kg		97	55 - 120
4-Nitroaniline	1630	1480		ug/Kg		91	56 - 120
4-Nitrophenol	3260	4450		ug/Kg		136	43 - 147
Acenaphthene	1630	1580		ug/Kg		97	62 - 120
Acenaphthylene	1630	1710		ug/Kg		105	58 - 121
Acetophenone	1630	1580		ug/Kg		97	54 - 120
Anthracene	1630	1530		ug/Kg		94	62 - 120
Atrazine	3260	3290		ug/Kg		101	60 - 127
Benzaldehyde	3260	2330		ug/Kg		71	10 - 150
Benzo[a]anthracene	1630	1520		ug/Kg		93	65 - 120
Benzo[a]pyrene	1630	1510		ug/Kg		92	64 - 120
Benzo[b]fluoranthene	1630	1650		ug/Kg		101	64 - 120
Benzo[g,h,i]perylene	1630	1640		ug/Kg		101	45 - 145
Benzo[k]fluoranthene	1630	1500		ug/Kg		92	65 - 120
Biphenyl	1630	1620		ug/Kg		99	59 - 120
bis (2-chloroisopropyl) ether	1630	1300		ug/Kg		79	44 - 120
Bis(2-chloroethoxy)methane	1630	1240		ug/Kg		76	55 - 120
Bis(2-chloroethyl)ether	1630	1140		ug/Kg		70	45 - 120
Bis(2-ethylhexyl) phthalate	1630	1780		ug/Kg		109	61 - 133
Butyl benzyl phthalate	1630	1500		ug/Kg		92	61 - 129
Caprolactam	3260	2630		ug/Kg		81	47 - 120
Carbazole	1630	1490		ug/Kg		92	65 - 120
Chrysene	1630	1490		ug/Kg		91	64 - 120
Dibenz(a,h)anthracene	1630	1560		ug/Kg		96	54 - 132
Dibenzofuran	1630	1510		ug/Kg		92	63 - 120
Diethyl phthalate	1630	1710		ug/Kg		105	66 - 120
Dimethyl phthalate	1630	1770		ug/Kg		108	65 - 124
Di-n-butyl phthalate	1630	1720		ug/Kg		105	58 - 130
Di-n-octyl phthalate	1630	1540		ug/Kg		94	57 - 133
Fluoranthene	1630	1620		ug/Kg		99	62 - 120
Fluorene	1630	1540		ug/Kg		94	63 - 120
Hexachlorobenzene	1630	1920		ug/Kg		118	60 - 120
Hexachlorobutadiene	1630	1390		ug/Kg		85	45 - 120
Hexachlorocyclopentadiene	1630	2060	*	ug/Kg		126	47 - 120
Hexachloroethane	1630	1480		ug/Kg		90	41 - 120
Indeno[1,2,3-cd]pyrene	1630	1550		ug/Kg		95	56 - 134
Isophorone	1630	1420		ug/Kg		87	56 - 120

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

Lab Sample ID: LCS 480-337662/2-A
Matrix: Solid
Analysis Batch: 337856

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 337662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	1630	1620		ug/Kg		99	55 - 120
Nitrobenzene	1630	1300		ug/Kg		80	54 - 120
N-Nitrosodi-n-propylamine	1630	1510		ug/Kg		93	52 - 120
N-Nitrosodiphenylamine	1630	1590		ug/Kg		97	51 - 128
Pentachlorophenol	3260	3480		ug/Kg		107	51 - 120
Phenanthrene	1630	1630		ug/Kg		100	60 - 120
Phenol	1630	1250		ug/Kg		76	53 - 120
Pyrene	1630	1450		ug/Kg		89	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*131*		*39 - 146*
2-Fluorobiphenyl	*98*		*37 - 120*
2-Fluorophenol (Surr)	*67*		*18 - 120*
Nitrobenzene-d5 (Surr)	*85*		*34 - 132*
Phenol-d5 (Surr)	*74*		*11 - 120*
p-Terphenyl-d14 (Surr)	*89*		*65 - 153*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 480-337788/1-A
Matrix: Solid
Analysis Batch: 337915

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 337788

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	1.2	U	1.2	0.32	mg/Kg		12/22/16 13:36	12/23/16 11:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*90*		*46 - 156*	*12/22/16 13:36*	*12/23/16 11:50*	*1*

Lab Sample ID: LCS 480-337788/2-A
Matrix: Solid
Analysis Batch: 337915

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 337788

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C6-C10)	9.77	11.4		mg/Kg		116	64 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*94*		*46 - 156*

Lab Sample ID: LCSD 480-337788/3-A
Matrix: Solid
Analysis Batch: 337915

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 337788

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C6-C10)	9.86	11.3		mg/Kg		115	64 - 129	0	35

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCSD 480-337788/3-A
Matrix: Solid
Analysis Batch: 337915

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 337788

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
a,a,a-Trifluorotoluene	93		46 - 156

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 480-337322/1-A
Matrix: Solid
Analysis Batch: 337418

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 337322

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	17	U	17	5.0	mg/Kg		12/20/16 11:56	12/20/16 18:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	91		48 - 125	12/20/16 11:56	12/20/16 18:06	1

Lab Sample ID: LCS 480-337322/2-A
Matrix: Solid
Analysis Batch: 337418

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 337322

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	49.8	54.1		mg/Kg		109	63 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl	94		48 - 125

Lab Sample ID: 480-111089-6 MS
Matrix: Solid
Analysis Batch: 337418

Client Sample ID: GCM-3 POST
Prep Type: Total/NA
Prep Batch: 337322

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	27000		59.8	26600	4	mg/Kg	☼	-354	43 - 153

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl	214	X	48 - 125

Lab Sample ID: 480-111089-6 MSD
Matrix: Solid
Analysis Batch: 337418

Client Sample ID: GCM-3 POST
Prep Type: Total/NA
Prep Batch: 337322

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	27000		60.7	22800	4	mg/Kg	☼	-6687	43 - 153	16	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	140	X	48 - 125

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-336662/1-A
Matrix: Solid
Analysis Batch: 337052

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 336662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.96	U	0.96	0.23	mg/Kg		12/15/16 16:18	12/16/16 18:01	1

Lab Sample ID: LCSSRM 480-336662/2-A
Matrix: Solid
Analysis Batch: 337052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 336662

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	146	140.9		mg/Kg		96.5	73.3 - 126.7

Lab Sample ID: MB 480-336827/2-A
Matrix: Solid
Analysis Batch: 337246

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 336827

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.020	U	0.020	0.0030	mg/L		12/16/16 11:47	12/19/16 17:48	1

Lab Sample ID: LCS 480-336827/3-A
Matrix: Solid
Analysis Batch: 337246

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 336827

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	1.08		mg/L		108	80 - 120

Lab Sample ID: MB 480-336829/2-A
Matrix: Solid
Analysis Batch: 337281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 336829

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.020	U	0.020	0.0030	mg/L		12/16/16 11:57	12/19/16 17:33	1

Lab Sample ID: LCS 480-336829/3-A
Matrix: Solid
Analysis Batch: 337281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 336829

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.954		mg/L		95	80 - 120

Lab Sample ID: LB 480-336513/1-C
Matrix: Solid
Analysis Batch: 337246

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 336827

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.020	U	0.020	0.0030	mg/L		12/16/16 11:47	12/19/16 17:44	1

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

Lab Sample ID: LB2 480-336572/1-B
Matrix: Solid
Analysis Batch: 337281

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 336829

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.020	U	0.020	0.0030	mg/L		12/16/16 11:57	12/19/16 17:30	1

Lab Sample ID: 480-111089-8 MS
Matrix: Solid
Analysis Batch: 337281

Client Sample ID: LEAD-1 POST
Prep Type: TCLP
Prep Batch: 336829

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	4.3		1.00	5.43	4	mg/L		116	75 - 125

Lab Sample ID: 480-111089-8 MSD
Matrix: Solid
Analysis Batch: 337281

Client Sample ID: LEAD-1 POST
Prep Type: TCLP
Prep Batch: 336829

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	4.3		1.00	5.16	4	mg/L		89	75 - 125	5	20

GC/MS VOA

Prep Batch: 336633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-1	GCM-1 PRE	Total/NA	Solid	5035A	
480-111089-2	GCM-1 POST	Total/NA	Solid	5035A	
480-111089-3	GCM-2 PRE	Total/NA	Solid	5035A	
480-111089-4	GCM-2 POST	Total/NA	Solid	5035A	
480-111089-5	GCM-3 PRE	Total/NA	Solid	5035A	
480-111089-6	GCM-3 POST	Total/NA	Solid	5035A	
MB 480-336633/2-A	Method Blank	Total/NA	Solid	5035A	
LCS 480-336633/1-A	Lab Control Sample	Total/NA	Solid	5035A	

Analysis Batch: 336702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-1	GCM-1 PRE	Total/NA	Solid	8260C	336633
480-111089-2	GCM-1 POST	Total/NA	Solid	8260C	336633
480-111089-3	GCM-2 PRE	Total/NA	Solid	8260C	336633
480-111089-4	GCM-2 POST	Total/NA	Solid	8260C	336633
480-111089-5	GCM-3 PRE	Total/NA	Solid	8260C	336633
480-111089-6	GCM-3 POST	Total/NA	Solid	8260C	336633
MB 480-336633/2-A	Method Blank	Total/NA	Solid	8260C	336633
LCS 480-336633/1-A	Lab Control Sample	Total/NA	Solid	8260C	336633

GC/MS Semi VOA

Prep Batch: 337144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-1	GCM-1 PRE	Total/NA	Solid	3550C	
480-111089-2	GCM-1 POST	Total/NA	Solid	3550C	
480-111089-3	GCM-2 PRE	Total/NA	Solid	3550C	
480-111089-4	GCM-2 POST	Total/NA	Solid	3550C	
480-111089-5	GCM-3 PRE	Total/NA	Solid	3550C	
MB 480-337144/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-337144/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 337252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-337144/1-A	Method Blank	Total/NA	Solid	8270D	337144
LCS 480-337144/2-A	Lab Control Sample	Total/NA	Solid	8270D	337144

Analysis Batch: 337355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-1	GCM-1 PRE	Total/NA	Solid	8270D	337144
480-111089-2	GCM-1 POST	Total/NA	Solid	8270D	337144
480-111089-3	GCM-2 PRE	Total/NA	Solid	8270D	337144
480-111089-4	GCM-2 POST	Total/NA	Solid	8270D	337144
480-111089-5	GCM-3 PRE	Total/NA	Solid	8270D	337144

Prep Batch: 337662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-6	GCM-3 POST	Total/NA	Solid	3550C	
MB 480-337662/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-337662/2-A	Lab Control Sample	Total/NA	Solid	3550C	

GC/MS Semi VOA (Continued)

Analysis Batch: 337856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-6	GCM-3 POST	Total/NA	Solid	8270D	337662
MB 480-337662/1-A	Method Blank	Total/NA	Solid	8270D	337662
LCS 480-337662/2-A	Lab Control Sample	Total/NA	Solid	8270D	337662

GC VOA

Prep Batch: 337788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-1	GCM-1 PRE	Total/NA	Solid	5035	
480-111089-2	GCM-1 POST	Total/NA	Solid	5035	
480-111089-3	GCM-2 PRE	Total/NA	Solid	5035	
480-111089-4	GCM-2 POST	Total/NA	Solid	5035	
480-111089-5	GCM-3 PRE	Total/NA	Solid	5035	
480-111089-6	GCM-3 POST	Total/NA	Solid	5035	
MB 480-337788/1-A	Method Blank	Total/NA	Solid	5035	
LCS 480-337788/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 480-337788/3-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 337915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-1	GCM-1 PRE	Total/NA	Solid	8015D	337788
480-111089-2	GCM-1 POST	Total/NA	Solid	8015D	337788
480-111089-3	GCM-2 PRE	Total/NA	Solid	8015D	337788
480-111089-4	GCM-2 POST	Total/NA	Solid	8015D	337788
480-111089-5	GCM-3 PRE	Total/NA	Solid	8015D	337788
480-111089-6	GCM-3 POST	Total/NA	Solid	8015D	337788
MB 480-337788/1-A	Method Blank	Total/NA	Solid	8015D	337788
LCS 480-337788/2-A	Lab Control Sample	Total/NA	Solid	8015D	337788
LCSD 480-337788/3-A	Lab Control Sample Dup	Total/NA	Solid	8015D	337788

GC Semi VOA

Prep Batch: 337322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-1	GCM-1 PRE	Total/NA	Solid	3550C	
480-111089-2	GCM-1 POST	Total/NA	Solid	3550C	
480-111089-3	GCM-2 PRE	Total/NA	Solid	3550C	
480-111089-4	GCM-2 POST	Total/NA	Solid	3550C	
480-111089-5	GCM-3 PRE	Total/NA	Solid	3550C	
480-111089-6	GCM-3 POST	Total/NA	Solid	3550C	
MB 480-337322/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-337322/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-111089-6 MS	GCM-3 POST	Total/NA	Solid	3550C	
480-111089-6 MSD	GCM-3 POST	Total/NA	Solid	3550C	

Analysis Batch: 337418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-1	GCM-1 PRE	Total/NA	Solid	8015D	337322
480-111089-2	GCM-1 POST	Total/NA	Solid	8015D	337322
480-111089-3	GCM-2 PRE	Total/NA	Solid	8015D	337322

GC Semi VOA (Continued)

Analysis Batch: 337418 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-4	GCM-2 POST	Total/NA	Solid	8015D	337322
480-111089-5	GCM-3 PRE	Total/NA	Solid	8015D	337322
480-111089-6	GCM-3 POST	Total/NA	Solid	8015D	337322
MB 480-337322/1-A	Method Blank	Total/NA	Solid	8015D	337322
LCS 480-337322/2-A	Lab Control Sample	Total/NA	Solid	8015D	337322
480-111089-6 MS	GCM-3 POST	Total/NA	Solid	8015D	337322
480-111089-6 MSD	GCM-3 POST	Total/NA	Solid	8015D	337322

Metals

Leach Batch: 336513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-7	LEAD-1 PRE	TCLP	Solid	1311	
LB 480-336513/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 336572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-8	LEAD-1 POST	TCLP	Solid	1311	
LB2 480-336572/1-B	Method Blank	TCLP	Solid	1311	
480-111089-8 MS	LEAD-1 POST	TCLP	Solid	1311	
480-111089-8 MSD	LEAD-1 POST	TCLP	Solid	1311	

Prep Batch: 336662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-7	LEAD-1 PRE	Total/NA	Solid	3050B	
480-111089-8	LEAD-1 POST	Total/NA	Solid	3050B	
MB 480-336662/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-336662/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 336827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-7	LEAD-1 PRE	TCLP	Solid	3010A	336513
LB 480-336513/1-C	Method Blank	TCLP	Solid	3010A	336513
MB 480-336827/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 480-336827/3-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 336829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-8	LEAD-1 POST	TCLP	Solid	3010A	336572
LB2 480-336572/1-B	Method Blank	TCLP	Solid	3010A	336572
MB 480-336829/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 480-336829/3-A	Lab Control Sample	Total/NA	Solid	3010A	
480-111089-8 MS	LEAD-1 POST	TCLP	Solid	3010A	336572
480-111089-8 MSD	LEAD-1 POST	TCLP	Solid	3010A	336572

Analysis Batch: 337052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-7	LEAD-1 PRE	Total/NA	Solid	6010C	336662
480-111089-8	LEAD-1 POST	Total/NA	Solid	6010C	336662
MB 480-336662/1-A	Method Blank	Total/NA	Solid	6010C	336662

Metals (Continued)

Analysis Batch: 337052 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 480-336662/2-A	Lab Control Sample	Total/NA	Solid	6010C	336662

Analysis Batch: 337246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-7	LEAD-1 PRE	TCLP	Solid	6010C	336827
LB 480-336513/1-C	Method Blank	TCLP	Solid	6010C	336827
MB 480-336827/2-A	Method Blank	Total/NA	Solid	6010C	336827
LCS 480-336827/3-A	Lab Control Sample	Total/NA	Solid	6010C	336827

Analysis Batch: 337281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-8	LEAD-1 POST	TCLP	Solid	6010C	336829
LB2 480-336572/1-B	Method Blank	TCLP	Solid	6010C	336829
MB 480-336829/2-A	Method Blank	Total/NA	Solid	6010C	336829
LCS 480-336829/3-A	Lab Control Sample	Total/NA	Solid	6010C	336829
480-111089-8 MS	LEAD-1 POST	TCLP	Solid	6010C	336829
480-111089-8 MSD	LEAD-1 POST	TCLP	Solid	6010C	336829

General Chemistry

Analysis Batch: 336457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-111089-1	GCM-1 PRE	Total/NA	Solid	Moisture	
480-111089-2	GCM-1 POST	Total/NA	Solid	Moisture	
480-111089-3	GCM-2 PRE	Total/NA	Solid	Moisture	
480-111089-4	GCM-2 POST	Total/NA	Solid	Moisture	
480-111089-5	GCM-3 PRE	Total/NA	Solid	Moisture	
480-111089-6	GCM-3 POST	Total/NA	Solid	Moisture	
480-111089-7	LEAD-1 PRE	Total/NA	Solid	Moisture	
480-111089-8	LEAD-1 POST	Total/NA	Solid	Moisture	

Client Sample ID: GCM-1 PRE

Lab Sample ID: 480-111089-1

Date Collected: 12/13/16 09:45

Matrix: Solid

Date Received: 12/14/16 13:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	336457	12/14/16 21:29	CMK	TAL BUF

Client Sample ID: GCM-1 PRE

Lab Sample ID: 480-111089-1

Date Collected: 12/13/16 09:45

Matrix: Solid

Date Received: 12/14/16 13:43

Percent Solids: 75.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			336633	12/15/16 14:15	NEA	TAL BUF
Total/NA	Analysis	8260C		1	336702	12/16/16 03:33	NEA	TAL BUF
Total/NA	Prep	3550C			337144	12/19/16 14:05	ARS	TAL BUF
Total/NA	Analysis	8270D		20	337355	12/21/16 00:04	LMW	TAL BUF
Total/NA	Prep	5035			337788	12/22/16 13:36	TRG	TAL BUF
Total/NA	Analysis	8015D		10	337915	12/23/16 13:47	MRB	TAL BUF
Total/NA	Prep	3550C			337322	12/20/16 11:56	RJS	TAL BUF
Total/NA	Analysis	8015D		50	337418	12/20/16 20:22	JMO	TAL BUF

Client Sample ID: GCM-1 POST

Lab Sample ID: 480-111089-2

Date Collected: 12/13/16 13:45

Matrix: Solid

Date Received: 12/14/16 13:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	336457	12/14/16 21:29	CMK	TAL BUF

Client Sample ID: GCM-1 POST

Lab Sample ID: 480-111089-2

Date Collected: 12/13/16 13:45

Matrix: Solid

Date Received: 12/14/16 13:43

Percent Solids: 76.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			336633	12/15/16 14:15	NEA	TAL BUF
Total/NA	Analysis	8260C		1	336702	12/16/16 04:01	NEA	TAL BUF
Total/NA	Prep	3550C			337144	12/19/16 14:05	ARS	TAL BUF
Total/NA	Analysis	8270D		20	337355	12/21/16 00:29	LMW	TAL BUF
Total/NA	Prep	5035			337788	12/22/16 13:36	TRG	TAL BUF
Total/NA	Analysis	8015D		1	337915	12/23/16 14:52	MRB	TAL BUF
Total/NA	Prep	3550C			337322	12/20/16 11:56	RJS	TAL BUF
Total/NA	Analysis	8015D		50	337418	12/20/16 20:56	JMO	TAL BUF

Client Sample ID: GCM-2 PRE — **Lab Sample ID: 480-111089-3**
Date Collected: 12/13/16 09:45 — **Matrix: Solid**
Date Received: 12/14/16 13:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	336457	12/14/16 21:29	CMK	TAL BUF

Client Sample ID: GCM-2 PRE — **Lab Sample ID: 480-111089-3**
Date Collected: 12/13/16 09:45 — **Matrix: Solid**
Date Received: 12/14/16 13:43 — **Percent Solids: 82.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			336633	12/15/16 14:15	NEA	TAL BUF
Total/NA	Analysis	8260C		1	336702	12/16/16 04:28	NEA	TAL BUF
Total/NA	Prep	3550C			337144	12/19/16 14:05	ARS	TAL BUF
Total/NA	Analysis	8270D		20	337355	12/21/16 00:55	LMW	TAL BUF
Total/NA	Prep	5035			337788	12/22/16 13:36	TRG	TAL BUF
Total/NA	Analysis	8015D		1	337915	12/23/16 15:27	MRB	TAL BUF
Total/NA	Prep	3550C			337322	12/20/16 11:56	RJS	TAL BUF
Total/NA	Analysis	8015D		50	337418	12/20/16 21:30	JMO	TAL BUF

Client Sample ID: GCM-2 POST — **Lab Sample ID: 480-111089-4**
Date Collected: 12/13/16 15:15 — **Matrix: Solid**
Date Received: 12/14/16 13:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	336457	12/14/16 21:29	CMK	TAL BUF

Client Sample ID: GCM-2 POST — **Lab Sample ID: 480-111089-4**
Date Collected: 12/13/16 15:15 — **Matrix: Solid**
Date Received: 12/14/16 13:43 — **Percent Solids: 79.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			336633	12/15/16 14:15	NEA	TAL BUF
Total/NA	Analysis	8260C		1	336702	12/16/16 04:55	NEA	TAL BUF
Total/NA	Prep	3550C			337144	12/19/16 14:05	ARS	TAL BUF
Total/NA	Analysis	8270D		20	337355	12/21/16 01:20	LMW	TAL BUF
Total/NA	Prep	5035			337788	12/22/16 13:36	TRG	TAL BUF
Total/NA	Analysis	8015D		1	337915	12/23/16 16:01	MRB	TAL BUF
Total/NA	Prep	3550C			337322	12/20/16 11:56	RJS	TAL BUF
Total/NA	Analysis	8015D		50	337418	12/20/16 22:04	JMO	TAL BUF

Client Sample ID: GCM-3 PRE — **Lab Sample ID: 480-111089-5**
Date Collected: 12/13/16 09:45 — **Matrix: Solid**
Date Received: 12/14/16 13:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	336457	12/14/16 21:29	CMK	TAL BUF

Client Sample ID: GCM-3 PRE

Lab Sample ID: 480-111089-5

Date Collected: 12/13/16 09:45
Matrix: Solid
Date Received: 12/14/16 13:43
Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			336633	12/15/16 14:15	NEA	TAL BUF
Total/NA	Analysis	8260C		1	336702	12/16/16 05:22	NEA	TAL BUF
Total/NA	Prep	3550C			337144	12/19/16 14:05	ARS	TAL BUF
Total/NA	Analysis	8270D		20	337355	12/21/16 01:45	LMW	TAL BUF
Total/NA	Prep	5035			337788	12/22/16 13:36	TRG	TAL BUF
Total/NA	Analysis	8015D		1	337915	12/23/16 16:36	MRB	TAL BUF
Total/NA	Prep	3550C			337322	12/20/16 11:56	RJS	TAL BUF
Total/NA	Analysis	8015D		50	337418	12/20/16 22:38	JMO	TAL BUF

Client Sample ID: GCM-3 POST

Lab Sample ID: 480-111089-6

Date Collected: 12/13/16 16:30
Matrix: Solid
Date Received: 12/14/16 13:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	336457	12/14/16 21:29	CMK	TAL BUF

Client Sample ID: GCM-3 POST

Lab Sample ID: 480-111089-6

Date Collected: 12/13/16 16:30
Matrix: Solid
Date Received: 12/14/16 13:43
Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			336633	12/15/16 14:15	NEA	TAL BUF
Total/NA	Analysis	8260C		1	336702	12/16/16 05:49	NEA	TAL BUF
Total/NA	Prep	3550C			337662	12/22/16 07:19	SMP	TAL BUF
Total/NA	Analysis	8270D		20	337856	12/23/16 13:42	MKP	TAL BUF
Total/NA	Prep	5035			337788	12/22/16 13:36	TRG	TAL BUF
Total/NA	Analysis	8015D		1	337915	12/23/16 17:10	MRB	TAL BUF
Total/NA	Prep	3550C			337322	12/20/16 11:56	RJS	TAL BUF
Total/NA	Analysis	8015D		50	337418	12/20/16 23:12	JMO	TAL BUF

Client Sample ID: LEAD-1 PRE

Lab Sample ID: 480-111089-7

Date Collected: 12/14/16 09:15
Matrix: Solid
Date Received: 12/14/16 13:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			336513	12/15/16 08:05	MAS	TAL BUF
TCLP	Prep	3010A			336827	12/16/16 11:47	MVZ	TAL BUF
TCLP	Analysis	6010C		1	337246	12/19/16 18:27	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	336457	12/14/16 21:29	CMK	TAL BUF

Lab Chronicle

Client: Northstar Demolition and Remediation LP
Project/Site: Former Exxon Terminal

TestAmerica Job ID: 480-111089-1

Client Sample ID: LEAD-1 PRE

Lab Sample ID: 480-111089-7

Date Collected: 12/14/16 09:15
Matrix: Solid
Date Received: 12/14/16 13:43
Percent Solids: 69.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			336662	12/15/16 16:18	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	337052	12/16/16 19:08	AMH	TAL BUF

Client Sample ID: LEAD-1 POST

Lab Sample ID: 480-111089-8

Date Collected: 12/14/16 10:30
Matrix: Solid
Date Received: 12/14/16 13:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			336572	12/15/16 10:17	MAS	TAL BUF
TCLP	Prep	3010A			336829	12/16/16 11:57	MVZ	TAL BUF
TCLP	Analysis	6010C		1	337281	12/19/16 17:40	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	336457	12/14/16 21:29	CMK	TAL BUF

Client Sample ID: LEAD-1 POST

Lab Sample ID: 480-111089-8

Date Collected: 12/14/16 10:30
Matrix: Solid
Date Received: 12/14/16 13:43
Percent Solids: 69.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			336662	12/15/16 16:18	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	337052	12/16/16 19:12	AMH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Northstar Demolition and Remediation LP
Project/Site: Former Exxon Terminal

TestAmerica Job ID: 480-111089-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-17

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Northstar Demolition and Remediation LP
Project/Site: Former Exxon Terminal

TestAmerica Job ID: 480-111089-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8015D	Gasoline Range Organics (GRO) (GC)	SW846	TAL BUF
8015D	Diesel Range Organics (DRO) (GC)	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL 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:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Northstar Demolition and Remediation LP
Project/Site: Former Exxon Terminal

TestAmerica Job ID: 480-111089-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-111089-1	GCM-1 PRE	Solid	12/13/16 09:45	12/14/16 13:43
480-111089-2	GCM-1 POST	Solid	12/13/16 13:45	12/14/16 13:43
480-111089-3	GCM-2 PRE	Solid	12/13/16 09:45	12/14/16 13:43
480-111089-4	GCM-2 POST	Solid	12/13/16 15:15	12/14/16 13:43
480-111089-5	GCM-3 PRE	Solid	12/13/16 09:45	12/14/16 13:43
480-111089-6	GCM-3 POST	Solid	12/13/16 16:30	12/14/16 13:43
480-111089-7	LEAD-1 PRE	Solid	12/14/16 09:15	12/14/16 13:43
480-111089-8	LEAD-1 POST	Solid	12/14/16 10:30	12/14/16 13:43

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: TRENT MILLS	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-90615-22095.1
Client Contact: Mr. Mark Talarico	Phone:	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: Northstar Demolition and Remediation LP				Job #:
Address: 2760 S. Falkenburg Road	Due Date Requested:			
City: Riverview	TAT Requested (days): NORMAL			
State, Zip: FL, 33578				
Phone: 813-684-4400(Tel) 813-434-2109(Fax) 813-614-2853	PO #: 0962002 Purchase Order not required			
Email: mtalarico@northstar.com	WO #:			
Project Name: EXXON - Krog Project - Buffalo, NY	Project #: 48015216			
Site: FORMER EXXON TERMINAL 625 ELK ST. BUFFALO, NY	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL
B - NaOH
C - Zn Ac
D - Nitric
E - NaHS
F - MeOH
G - Amchl
H - Ascort
I - Ice
J - DI Wat
K - EDTA
L - EDA
M - Hexane
drate
480-111089 COC
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)	8015D_GRO - GRO	8260C - TCL list + STARS	8270D - TCL SVOA - OLM04.2	8015D_DRO - DRO	6010C - TCLP Lead	6010C - ICP - Total Lead	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
GCM-1 PRE	12/13/16	0945	C	Solid			X	X	X	X			8	
GCM-1 POST		1345		Solid			X	X	X	X			8	
GCM-2 PRE		0945		Solid			X	X	X	X			8	
GCM-2 POST		1515		Solid			X	X	X	X			8	
GCM-3 PRE		0945		Solid			X	X	X	X			8	
GCM-3 POST		1630		Solid			X	X	X	X			8	
				Solid										
LEAD-1 PRE	12/14/16	0915		Solid							X	X	2	
LEAD-1 POST	12/14/16	1030		Solid							X	X	2	
				Solid										

Possible Hazard Identification
[X] 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 [X] 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:	Date/Time:	Company	Received by:	Date/Time:	Company
					12/14/16 1345	TA
		12/14/16 1545				

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3.0 #1 ICE

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12/29/2016

Login Sample Receipt Checklist

Client: Northstar Demolition and Remediation LP

Job Number: 480-111089-1

Login Number: 111089

List Number: 1

Creator: Kolb, Chris M

List Source: TestAmerica 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	VIALS PLACED INTO STORAGE ON 12/14/16 @ 1930
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.	False	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-112103-1
Client Project/Site: OV2 KROG-XOM Test Cells

For:
AMEC Foster Wheeler E & I, Inc
800 North Bell Avenue, Suite 200
Pittsburgh, Pennsylvania 15106

Attn: Dayne Crowley

Authorized for release by:
1/25/2017 1:25:48 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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.
U	Indicates the analyte was analyzed for but not detected.

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
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)

Job ID: 480-112103-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-112103-1

Comments
No additional comments.

Receipt
The samples were received on 1/11/2017 3:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0° C.

GC/MS VOA
Method(s) 8260C: The following samples were diluted due to the nature of the TCLP matrix: LEAD1-0117 (480-112103-1), GCM1-0117 (480-112103-2), GCM2-0117 (480-112103-3), GCM3-0117 (480-112103-4) and (LB 480-339742/1-A). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-340630 recovered outside acceptance criteria, low biased, for 2-Hexanone, 4-Methyl-2-pentanone and Cyclohexane. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detects for these analytes, the data have been reported. The following sample is impacted: LEAD1-0117 (480-112103-1).

Method(s) 8260C: The following sample was analyzed using medium level soil analysis and diluted due to the nature of the sample matrix: LEAD1-0117 (480-112103-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The method blank for preparation batch 480-340158 contained Methylene Chloride above the reporting limit (RL). This compound is considered a common laboratory contaminant. The associated sample was not re-extracted and/or re-analyzed because the concentration of the common lab contaminant in the method blank was less than 5 times the RL.

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

GC/MS Semi VOA
Method(s) 8270D: Surrogate recovery for the following sample was outside control limits: LEAD1-0117 (480-112103-1). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: LEAD1-0117 (480-112103-1). Elevated reporting limits (RLs) are provided.

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

GC VOA
Method(s) 8015B, 8015D: Reported analyte concentrations in the following samples are below 200 ug/kg and may be biased low due to the samples not being collected according to 5035-L/5035A-L low-level specifications: LEAD1-0117 (480-112103-1), GCM1-0117 (480-112103-2), GCM2-0117 (480-112103-3) and GCM3-0117 (480-112103-4).

Method(s) 8015B, 8015D: The following sample was diluted to bring the concentration of target analytes within the calibration range: LEAD1-0117 (480-112103-1). Elevated reporting limits (RLs) are provided.

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

GC Semi VOA
Method(s) 8015D: The following sample was diluted due to an abundance of target analytes: GCM1-0117 (480-112103-2) and GCM2-0117 (480-112103-3). As such, surrogate recoveries are estimated and not representative, and elevated reporting limits (RLs) are provided.

Method(s) 8015D: The following sample was diluted due to abundance of target analytes: GCM3-0117 (480-112103-4). As such, surrogate recoveries are estimated and not representative, and elevated reporting limits (RLs) are provided.

Job ID: 480-112103-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

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

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

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

Organic Prep
Method(s) 1311: Due to the sample matrix and associated reaction to the extraction fluid, the laboratory was unable to perform the leaching procedure with the required 100g for the following sample: LEAD1-0117 (480-112103-1) and GCM2-0117 (480-112103-3). The volume of leaching fluid was adjusted proportionally to maintain a 20:1 ratio of leaching fluid to weight of sample. Reporting limits (RLs) are not affected.

Method(s) 1311: Sample 480-112103-4 ruptured and was lost while tumbling overnight: GCM3-0117 (480-112103-4).

Method(s) 1311: Due to the sample matrix and associated reaction to the extraction fluid, the laboratory was unable to perform the leaching procedure with the required 100g for the following sample: GCM3-0117 (480-112103-4). The volume of leaching fluid was adjusted proportionally to maintain a 20:1 ratio of leaching fluid to weight of sample. Reporting limits (RLs) are not affected.

Method(s) 1311: Sample 480-112103-4 ruptured and was lost while tumbling overnight: GCM3-0117 (480-112103-4).

Method(s) 3550C: Due to the matrix, the initial volume used for the following samples deviated from the standard procedure: LEAD1-0117 (480-112103-1), GCM1-0117 (480-112103-2), GCM2-0117 (480-112103-3) and GCM3-0117 (480-112103-4). The reporting limits (RLs) have been adjusted proportionately.

Method(s) 3550C: Due to the matrix, the following samples could not be concentrated to the final method required volume: GCM1-0117 (480-112103-2) and GCM2-0117 (480-112103-3). The reporting limits (RLs) are elevated proportionately.

Method(s) 3550C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 480-339694.

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

Detection Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-1

Client Sample ID: LEAD1-0117 — Lab Sample ID: 480-112103-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	3600		720	200	ug/Kg	5	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	1600		720	220	ug/Kg	5	☼	8260C	Total/NA
4-Isopropyltoluene	800		720	240	ug/Kg	5	☼	8260C	Total/NA
Chlorobenzene	110	J	720	95	ug/Kg	5	☼	8260C	Total/NA
Isopropylbenzene	270	J	720	110	ug/Kg	5	☼	8260C	Total/NA
Methylcyclohexane	3500		720	340	ug/Kg	5	☼	8260C	Total/NA
Methylene Chloride	1100	B	720	140	ug/Kg	5	☼	8260C	Total/NA
Naphthalene	920		720	240	ug/Kg	5	☼	8260C	Total/NA
n-Butylbenzene	330	J	720	210	ug/Kg	5	☼	8260C	Total/NA
N-Propylbenzene	450	J	720	190	ug/Kg	5	☼	8260C	Total/NA
sec-Butylbenzene	360	J	720	260	ug/Kg	5	☼	8260C	Total/NA
Xylenes, Total	1100	J	1400	400	ug/Kg	5	☼	8260C	Total/NA
2-Methylnaphthalene	430	J	1100	220	ug/Kg	5	☼	8270D	Total/NA
Acenaphthene	730	J	1100	160	ug/Kg	5	☼	8270D	Total/NA
Acenaphthylene	210	J	1100	140	ug/Kg	5	☼	8270D	Total/NA
Anthracene	1300		1100	270	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	2600		1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	2200		1100	160	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	2700		1100	170	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1500		1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	1000	J	1100	140	ug/Kg	5	☼	8270D	Total/NA
Carbazole	660	J	1100	130	ug/Kg	5	☼	8270D	Total/NA
Chrysene	2500		1100	240	ug/Kg	5	☼	8270D	Total/NA
Dibenzofuran	560	J	1100	130	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	5900		1100	110	ug/Kg	5	☼	8270D	Total/NA
Fluorene	980	J	1100	130	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1200		1100	130	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	720	J	1100	140	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	5800		1100	160	ug/Kg	5	☼	8270D	Total/NA
Pyrene	4600		1100	130	ug/Kg	5	☼	8270D	Total/NA
GRO (C6-C10)	150		16	4.3	mg/Kg	10	☼	8015D	Total/NA
Diesel Range Organics [C10-C28]	670		42	13	mg/Kg	1	☼	8015D	Total/NA
Arsenic	21.0		2.7	0.55	mg/Kg	1	☼	6010C	Total/NA
Barium	980		0.69	0.15	mg/Kg	1	☼	6010C	Total/NA
Cadmium	7.8		0.27	0.041	mg/Kg	1	☼	6010C	Total/NA
Chromium	124		0.69	0.27	mg/Kg	1	☼	6010C	Total/NA
Lead	6350		1.4	0.33	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.9	J	5.5	0.55	mg/Kg	1	☼	6010C	Total/NA
Silver	1.0		0.82	0.27	mg/Kg	1	☼	6010C	Total/NA
Lead	34.3		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.33		0.025	0.010	mg/Kg	1	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: GCM1-0117 — Lab Sample ID: 480-112103-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
GRO (C6-C10)	8.9		1.5	0.39	mg/Kg	1	☼	8015D	Total/NA
Diesel Range Organics [C10-C28]	130000		8400	2500	mg/Kg	20	☼	8015D	Total/NA
Lead	0.11		0.020	0.0030	mg/L	1		6010C	TCLP

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample ID: GCM1-0117 (Continued) — Lab Sample ID: 480-112103-2

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: GCM2-0117 — Lab Sample ID: 480-112103-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
GRO (C6-C10)	7.0		1.5	0.39	mg/Kg	1	☼	8015D	Total/NA
Diesel Range Organics [C10-C28]	57000		4900	1500	mg/Kg	10	☼	8015D	Total/NA
Lead	4.0		0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA

Client Sample ID: GCM3-0117 — Lab Sample ID: 480-112103-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
GRO (C6-C10)	12		1.6	0.41	mg/Kg	1	☼	8015D	Total/NA
Diesel Range Organics [C10-C28]	36000		6100	1800	mg/Kg	100	☼	8015D	Total/NA
Lead	5.6		0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: LEAD1-0117
Date Collected: 01/11/17 12:00
Date Received: 01/11/17 15:50

Lab Sample ID: 480-112103-1
Matrix: Solid
Percent Solids: 76.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	720	U	720	200	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
1,1,2,2-Tetrachloroethane	720	U	720	120	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
1,1,2-Trichloro-1,2,2-trifluoroethane	720	U	720	360	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
1,1,2-Trichloroethane	720	U	720	150	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
1,1-Dichloroethane	720	U	720	220	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
1,1-Dichloroethene	720	U	720	250	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
1,2,4-Trichlorobenzene	720	U	720	270	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
1,2,4-Trimethylbenzene	**3600**		720	200	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
1,2-Dibromo-3-Chloropropane	720	U	720	360	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
1,2-Dichlorobenzene	720	U	720	180	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
1,2-Dichloroethane	720	U	720	290	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
1,2-Dichloropropane	720	U	720	120	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
1,3,5-Trimethylbenzene	**1600**		720	220	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
1,3-Dichlorobenzene	720	U	720	190	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
1,4-Dichlorobenzene	720	U	720	100	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
2-Butanone (MEK)	3600	U	3600	2100	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
2-Hexanone	3600	U	3600	1500	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
4-Isopropyltoluene	**800**		720	240	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
4-Methyl-2-pentanone (MIBK)	3600	U	3600	230	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Acetone	3600	U	3600	3000	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Benzene	720	U	720	140	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Bromoform	720	U	720	360	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Bromomethane	720	U	720	160	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Carbon disulfide	720	U	720	330	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Carbon tetrachloride	720	U	720	180	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Chlorobenzene	**110**	**J**	720	95	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Dibromochloromethane	720	U	720	350	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Chloroethane	720	U	720	150	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Chloroform	720	U	720	490	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Chloromethane	720	U	720	170	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
cis-1,2-Dichloroethene	720	U	720	200	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Cyclohexane	720	U	720	160	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Bromodichloromethane	720	U	720	140	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Dichlorodifluoromethane	720	U	720	310	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Ethylbenzene	720	U	720	210	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
1,2-Dibromoethane	720	U	720	130	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Isopropylbenzene	**270**	**J**	720	110	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Methyl acetate	3600	U	3600	340	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Methyl tert-butyl ether	720	U	720	270	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Methylcyclohexane	**3500**		720	340	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Methylene Chloride	**1100**	**B**	720	140	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Naphthalene	**920**		720	240	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
n-Butylbenzene	**330**	**J**	720	210	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
N-Propylbenzene	**450**	**J**	720	190	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
sec-Butylbenzene	**360**	**J**	720	260	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Tetrachloroethene	720	U	720	97	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Toluene	720	U	720	190	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
trans-1,2-Dichloroethene	720	U	720	170	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
trans-1,3-Dichloropropene	720	U	720	71	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5

Client Sample ID: LEAD1-0117
Date Collected: 01/11/17 12:00
Date Received: 01/11/17 15:50

Lab Sample ID: 480-112103-1
Matrix: Solid
Percent Solids: 76.9

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	720	U	720	200	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Trichlorofluoromethane	720	U	720	340	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Vinyl chloride	720	U	720	240	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Xylenes, Total	**1100**	**J**	1400	400	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
cis-1,3-Dichloropropene	720	U	720	170	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
Styrene	720	U	720	170	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5
tert-Butylbenzene	720	U	720	200	ug/Kg	☼	01/16/17 10:21	01/19/17 11:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*53 - 146*	*01/16/17 10:21*	*01/19/17 11:50*	*5*
4-Bromofluorobenzene (Surr)	*97*		*49 - 148*	*01/16/17 10:21*	*01/19/17 11:50*	*5*
Toluene-d8 (Surr)	*99*		*50 - 149*	*01/16/17 10:21*	*01/19/17 11:50*	*5*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*01/16/17 10:21*	*01/19/17 11:50*	*5*

Method: 8260C - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.010	U	0.010	0.0041	mg/L			01/13/17 21:50	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*01/13/17 21:50*	*10*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*01/13/17 21:50*	*10*
Toluene-d8 (Surr)	*95*		*80 - 120*		*01/13/17 21:50*	*10*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*01/13/17 21:50*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	1100	U	1100	290	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
2,4,6-Trichlorophenol	1100	U	1100	220	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
2,4-Dichlorophenol	1100	U	1100	110	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
2,4-Dimethylphenol	1100	U	1100	260	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
2,4-Dinitrophenol	11000	U	11000	5000	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
2,4-Dinitrotoluene	1100	U	1100	220	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
2,6-Dinitrotoluene	1100	U	1100	130	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
2-Chloronaphthalene	1100	U	1100	180	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
2-Chlorophenol	1100	U	1100	200	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
2-Methylnaphthalene	**430**	**J**	1100	220	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
2-Methylphenol	1100	U	1100	130	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
2-Nitroaniline	2100	U	2100	160	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
2-Nitrophenol	1100	U	1100	300	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
3,3'-Dichlorobenzidine	2100	U	2100	1300	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
3-Nitroaniline	2100	U	2100	300	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
4,6-Dinitro-2-methylphenol	2100	U	2100	1100	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
4-Bromophenyl phenyl ether	1100	U	1100	150	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
4-Chloro-3-methylphenol	1100	U	1100	270	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
4-Chloroaniline	1100	U	1100	270	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
4-Chlorophenyl phenyl ether	1100	U	1100	130	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
4-Methylphenol	2100	U	2100	130	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
4-Nitroaniline	2100	U	2100	560	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
4-Nitrophenol	2100	U	2100	760	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Acenaphthene	**730**	**J**	1100	160	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5

Client Sample ID: LEAD1-0117
Date Collected: 01/11/17 12:00
Date Received: 01/11/17 15:50

Lab Sample ID: 480-112103-1
Matrix: Solid
Percent Solids: 76.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**210**	**J**	1100	140	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Acetophenone	1100	U	1100	150	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Anthracene	**1300**		1100	270	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Atrazine	1100	U	1100	370	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Benzaldehyde	1100	U	1100	860	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Benzo[a]anthracene	**2600**		1100	110	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Benzo[a]pyrene	**2200**		1100	160	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Benzo[b]fluoranthene	**2700**		1100	170	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Benzo[g,h,i]perylene	**1500**		1100	110	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Benzo[k]fluoranthene	**1000**	**J**	1100	140	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Biphenyl	1100	U	1100	160	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
bis (2-chloroisopropyl) ether	1100	U	1100	220	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Bis(2-chloroethoxy)methane	1100	U	1100	230	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Bis(2-chloroethyl)ether	1100	U	1100	140	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Bis(2-ethylhexyl) phthalate	1100	U	1100	370	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Butyl benzyl phthalate	1100	U	1100	180	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Caprolactam	1100	U	1100	320	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Carbazole	**660**	**J**	1100	130	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Chrysene	**2500**		1100	240	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Dibenz(a,h)anthracene	1100	U	1100	190	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Dibenzofuran	**560**	**J**	1100	130	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Diethyl phthalate	1100	U	1100	140	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Dimethyl phthalate	1100	U	1100	130	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Di-n-butyl phthalate	1100	U	1100	180	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Di-n-octyl phthalate	1100	U	1100	130	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Fluoranthene	**5900**		1100	110	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Fluorene	**980**	**J**	1100	130	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Hexachlorobenzene	1100	U	1100	150	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Hexachlorobutadiene	1100	U	1100	160	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Hexachlorocyclopentadiene	1100	U	1100	150	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Hexachloroethane	1100	U	1100	140	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Indeno[1,2,3-cd]pyrene	**1200**		1100	130	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Isophorone	1100	U	1100	230	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Naphthalene	**720**	**J**	1100	140	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Nitrobenzene	1100	U	1100	120	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
N-Nitrosodi-n-propylamine	1100	U	1100	180	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
N-Nitrosodiphenylamine	1100	U	1100	880	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Pentachlorophenol	2100	U	2100	1100	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Phenanthrene	**5800**		1100	160	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Phenol	1100	U	1100	170	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5
Pyrene	**4600**		1100	130	ug/Kg	☼	01/13/17 15:36	01/16/17 12:04	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*X*	*54 - 120*	*01/13/17 15:36*	*01/16/17 12:04*	*5*
2-Fluorobiphenyl	*89*		*60 - 120*	*01/13/17 15:36*	*01/16/17 12:04*	*5*
2-Fluorophenol (Surr)	*32*	*X*	*52 - 120*	*01/13/17 15:36*	*01/16/17 12:04*	*5*
Nitrobenzene-d5 (Surr)	*78*		*53 - 120*	*01/13/17 15:36*	*01/16/17 12:04*	*5*
Phenol-d5 (Surr)	*75*		*54 - 120*	*01/13/17 15:36*	*01/16/17 12:04*	*5*
p-Terphenyl-d14 (Surr)	*93*		*65 - 121*	*01/13/17 15:36*	*01/16/17 12:04*	*5*

Client Sample ID: LEAD1-0117
Date Collected: 01/11/17 12:00
Date Received: 01/11/17 15:50

Lab Sample ID: 480-112103-1
Matrix: Solid
Percent Solids: 76.9

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	150		16	4.3	mg/Kg	☼	01/13/17 12:16	01/14/17 20:38	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*46 - 156*	*01/13/17 12:16*	*01/14/17 20:38*	*10*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	670		42	13	mg/Kg	☼	01/12/17 06:18	01/12/17 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*96*		*48 - 125*	*01/12/17 06:18*	*01/12/17 15:27*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.28	U	0.28	0.055	mg/Kg	☼	01/12/17 06:26	01/12/17 17:10	1
PCB-1221	0.28	U	0.28	0.055	mg/Kg	☼	01/12/17 06:26	01/12/17 17:10	1
PCB-1232	0.28	U	0.28	0.055	mg/Kg	☼	01/12/17 06:26	01/12/17 17:10	1
PCB-1242	0.28	U	0.28	0.055	mg/Kg	☼	01/12/17 06:26	01/12/17 17:10	1
PCB-1248	0.28	U	0.28	0.055	mg/Kg	☼	01/12/17 06:26	01/12/17 17:10	1
PCB-1254	0.28	U	0.28	0.13	mg/Kg	☼	01/12/17 06:26	01/12/17 17:10	1
PCB-1260	0.28	U	0.28	0.13	mg/Kg	☼	01/12/17 06:26	01/12/17 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*129*		*60 - 154*	*01/12/17 06:26*	*01/12/17 17:10*	*1*
DCB Decachlorobiphenyl	*117*		*65 - 174*	*01/12/17 06:26*	*01/12/17 17:10*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	21.0		2.7	0.55	mg/Kg	☼	01/13/17 15:22	01/16/17 14:08	1
Barium	980		0.69	0.15	mg/Kg	☼	01/13/17 15:22	01/16/17 14:08	1
Cadmium	7.8		0.27	0.041	mg/Kg	☼	01/13/17 15:22	01/16/17 14:08	1
Chromium	124		0.69	0.27	mg/Kg	☼	01/13/17 15:22	01/16/17 14:08	1
Lead	6350		1.4	0.33	mg/Kg	☼	01/13/17 15:22	01/16/17 14:08	1
Selenium	1.9	J	5.5	0.55	mg/Kg	☼	01/13/17 15:22	01/16/17 14:08	1
Silver	1.0		0.82	0.27	mg/Kg	☼	01/13/17 15:22	01/16/17 14:08	1

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	34.3		0.020	0.0030	mg/L		01/13/17 10:30	01/16/17 20:33	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.33		0.025	0.010	mg/Kg	☼	01/13/17 09:50	01/13/17 11:29	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			01/17/17 16:31	1

Client Sample ID: GCM1-0117

Lab Sample ID: 480-112103-2

Date Collected: 01/11/17 13:00

Matrix: Solid

Date Received: 01/11/17 15:50

Method: 8260C - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.010	U	0.010	0.0041	mg/L			01/13/17 22:13	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*01/13/17 22:13*	*10*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*01/13/17 22:13*	*10*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/13/17 22:13*	*10*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*01/13/17 22:13*	*10*

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**0.11**		0.020	0.0030	mg/L		01/13/17 10:30	01/16/17 18:26	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			01/17/17 16:31	1

Client Sample ID: GCM1-0117

Lab Sample ID: 480-112103-2

Date Collected: 01/11/17 13:00

Matrix: Solid

Date Received: 01/11/17 15:50

Percent Solids: 82.5

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	**8.9**		1.5	0.39	mg/Kg	☼	01/13/17 12:16	01/13/17 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*82*		*46 - 156*	*01/13/17 12:16*	*01/13/17 17:58*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**130000**		8400	2500	mg/Kg	☼	01/12/17 06:18	01/12/17 18:37	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*153*	*X*	*48 - 125*	*01/12/17 06:18*	*01/12/17 18:37*	*20*

Client Sample ID: GCM2-0117

Lab Sample ID: 480-112103-3

Date Collected: 01/11/17 13:10

Matrix: Solid

Date Received: 01/11/17 15:50

Method: 8260C - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.010	U	0.010	0.0041	mg/L			01/13/17 22:36	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*01/13/17 22:36*	*10*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*01/13/17 22:36*	*10*
Toluene-d8 (Surr)	*98*		*80 - 120*		*01/13/17 22:36*	*10*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*01/13/17 22:36*	*10*

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**4.0**		0.020	0.0030	mg/L		01/13/17 10:30	01/16/17 20:46	1

Client Sample ID: GCM2-0117

Lab Sample ID: 480-112103-3
Date Collected: 01/11/17 13:10
Matrix: Solid
Date Received: 01/11/17 15:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			01/17/17 16:31	1

Client Sample ID: GCM2-0117

Lab Sample ID: 480-112103-3
Date Collected: 01/11/17 13:10
Matrix: Solid
Date Received: 01/11/17 15:50
Percent Solids: 82.1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	7.0		1.5	0.39	mg/Kg	☼	01/13/17 12:16	01/13/17 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*68*		*46 - 156*	*01/13/17 12:16*	*01/13/17 15:41*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	57000		4900	1500	mg/Kg	☼	01/12/17 06:18	01/12/17 19:16	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*24*	*X*	*48 - 125*	*01/12/17 06:18*	*01/12/17 19:16*	*10*

Client Sample ID: GCM3-0117

Lab Sample ID: 480-112103-4
Date Collected: 01/11/17 13:20
Matrix: Solid
Date Received: 01/11/17 15:50

Method: 8260C - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.010	U	0.010	0.0041	mg/L			01/13/17 22:59	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*01/13/17 22:59*	*10*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*01/13/17 22:59*	*10*
Toluene-d8 (Surr)	*98*		*80 - 120*		*01/13/17 22:59*	*10*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*01/13/17 22:59*	*10*

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.6		0.020	0.0030	mg/L		01/20/17 09:34	01/23/17 15:48	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			01/17/17 16:31	1

Client Sample ID: GCM3-0117

Lab Sample ID: 480-112103-4
Date Collected: 01/11/17 13:20
Matrix: Solid
Date Received: 01/11/17 15:50
Percent Solids: 80.3

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	12		1.6	0.41	mg/Kg	☼	01/13/17 12:16	01/13/17 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*79*		*46 - 156*	*01/13/17 12:16*	*01/13/17 18:33*	*1*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	36000		6100	1800	mg/Kg	☼	01/12/17 06:18	01/13/17 14:35	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*206*	*X*	*48 - 125*	*01/12/17 06:18*	*01/13/17 14:35*	*100*

Surrogate Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(53-146)	(49-148)	(50-149)	(60-140)
480-112103-1	LEAD1-0117	105	97	99	103
LCS 480-340158/1-A	Lab Control Sample	97	97	92	96
MB 480-340158/2-A	Method Blank	93	91	92	96

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
LCS 480-340019/5	Lab Control Sample	112	94	101	100
MB 480-340019/7	Method Blank	100	99	100	95

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-112103-1	LEAD1-0117	106	94	95	97
480-112103-2	GCM1-0117	103	96	100	96
480-112103-3	GCM2-0117	102	96	98	94
480-112103-4	GCM3-0117	99	95	98	94
LB 480-339742/1-A	Method Blank	101	98	101	98

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(54-120)	(60-120)	(52-120)	(53-120)	(54-120)	(65-121)
480-112103-1	LEAD1-0117	0 X	89	32 X	78	75	93

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (54-120)	FBP (60-120)	2FP (52-120)	NBZ (53-120)	PHL (54-120)	TPH (65-121)
LCS 480-340009/2-A	Lab Control Sample	84	82	77	84	80	83
MB 480-340009/1-A	Method Blank	76	79	75	72	77	87

Surrogate Legend

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

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	TFT2 (46-156)
480-112103-1	LEAD1-0117	99
480-112103-2	GCM1-0117	82
480-112103-3	GCM2-0117	68
480-112103-3 MS	GCM2-0117	67
480-112103-3 MSD	GCM2-0117	66
480-112103-4	GCM3-0117	79
LCS 480-339980/2-A	Lab Control Sample	91
LCS 480-339980/2-A	Lab Control Sample	94
MB 480-339980/1-A	Method Blank	89
MB 480-339980/1-A	Method Blank	95

Surrogate Legend

TFT = a,a,a-Trifluorotoluene

Method: 8015D - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTPH (48-125)
480-112103-1	LEAD1-0117	96
480-112103-2	GCM1-0117	153 X
480-112103-3	GCM2-0117	24 X
480-112103-4	GCM3-0117	206 X
LCS 480-339694/2-A	Lab Control Sample	96
LCSD 480-339694/3-A	Lab Control Sample Dup	100
MB 480-339694/1-A	Method Blank	81

Surrogate Legend

OTPH = o-Terphenyl

Surrogate Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	TCX2 (60-154)	DCB2 (65-174)								
480-112103-1	LEAD1-0117	129	117								
LCS 480-339695/2-A	Lab Control Sample	146	167								
MB 480-339695/1-A	Method Blank	116	126								

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-340019/7
Matrix: Solid
Analysis Batch: 340019

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0010	U	0.0010	0.00041	mg/L			01/13/17 20:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*01/13/17 20:25*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*01/13/17 20:25*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/13/17 20:25*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*01/13/17 20:25*	*1*

Lab Sample ID: LCS 480-340019/5
Matrix: Solid
Analysis Batch: 340019

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.0250	0.0245		mg/L		98	71 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*75 - 123*

Lab Sample ID: MB 480-340158/2-A
Matrix: Solid
Analysis Batch: 340260

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 340158

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	100	U	100	28	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
1,1,2,2-Tetrachloroethane	100	U	100	16	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	100	50	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
1,1,2-Trichloroethane	100	U	100	21	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
1,1-Dichloroethane	100	U	100	31	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
1,1-Dichloroethene	100	U	100	35	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
1,2,4-Trichlorobenzene	100	U	100	38	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
1,2,4-Trimethylbenzene	100	U	100	28	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
1,2-Dibromo-3-Chloropropane	100	U	100	50	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
1,2-Dichlorobenzene	100	U	100	26	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
1,2-Dichloroethane	100	U	100	41	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
1,2-Dichloropropane	100	U	100	16	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
1,3,5-Trimethylbenzene	100	U	100	30	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
1,3-Dichlorobenzene	100	U	100	27	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
1,4-Dichlorobenzene	100	U	100	14	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
2-Butanone (MEK)	500	U	500	300	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
2-Hexanone	500	U	500	210	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
4-Isopropyltoluene	100	U	100	34	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
4-Methyl-2-pentanone (MIBK)	500	U	500	32	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Acetone	500	U	500	410	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Benzene	100	U	100	19	ug/Kg		01/16/17 10:21	01/17/17 12:21	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-340158/2-A
Matrix: Solid
Analysis Batch: 340260

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 340158

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	100	U	100	50	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Bromomethane	100	U	100	22	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Carbon disulfide	100	U	100	46	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Carbon tetrachloride	100	U	100	26	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Chlorobenzene	100	U	100	13	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Dibromochloromethane	100	U	100	49	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Chloroethane	100	U	100	21	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Chloroform	100	U	100	69	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Chloromethane	100	U	100	24	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
cis-1,2-Dichloroethene	100	U	100	28	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Cyclohexane	100	U	100	22	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Bromodichloromethane	100	U	100	20	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Dichlorodifluoromethane	100	U	100	44	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Ethylbenzene	100	U	100	29	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
1,2-Dibromoethane	100	U	100	18	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Isopropylbenzene	100	U	100	15	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Methyl acetate	500	U	500	48	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Methyl tert-butyl ether	100	U	100	38	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Methylcyclohexane	100	U	100	47	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Methylene Chloride	113		100	20	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Naphthalene	100	U	100	34	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
n-Butylbenzene	100	U	100	29	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
N-Propylbenzene	100	U	100	26	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
sec-Butylbenzene	100	U	100	37	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Tetrachloroethene	100	U	100	13	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Toluene	100	U	100	27	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
trans-1,2-Dichloroethene	100	U	100	24	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
trans-1,3-Dichloropropene	100	U	100	9.9	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Trichloroethene	100	U	100	28	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Trichlorofluoromethane	100	U	100	47	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Vinyl chloride	100	U	100	34	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Xylenes, Total	200	U	200	56	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
cis-1,3-Dichloropropene	100	U	100	24	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
Styrene	100	U	100	24	ug/Kg		01/16/17 10:21	01/17/17 12:21	1
tert-Butylbenzene	100	U	100	28	ug/Kg		01/16/17 10:21	01/17/17 12:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*53 - 146*	*01/16/17 10:21*	*01/17/17 12:21*	*1*
4-Bromofluorobenzene (Surr)	*91*		*49 - 148*	*01/16/17 10:21*	*01/17/17 12:21*	*1*
Toluene-d8 (Surr)	*92*		*50 - 149*	*01/16/17 10:21*	*01/17/17 12:21*	*1*
Dibromofluoromethane (Surr)	*96*		*60 - 140*	*01/16/17 10:21*	*01/17/17 12:21*	*1*

Lab Sample ID: LCS 480-340158/1-A
Matrix: Solid
Analysis Batch: 340260

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 340158

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	2500	2800		ug/Kg		112	68 - 130

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-340158/1-A
Matrix: Solid
Analysis Batch: 340260

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 340158

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	2500	2260		ug/Kg		90	73 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	2980		ug/Kg		119	10 - 179
1,1,2-Trichloroethane	2500	2380		ug/Kg		95	80 - 120
1,1-Dichloroethane	2500	2570		ug/Kg		103	78 - 121
1,1-Dichloroethene	2500	2680		ug/Kg		107	48 - 133
1,2,4-Trichlorobenzene	2500	2510		ug/Kg		100	70 - 140
1,2,4-Trimethylbenzene	2500	2670		ug/Kg		107	77 - 127
1,2-Dibromo-3-Chloropropane	2500	1990		ug/Kg		80	56 - 122
1,2-Dichlorobenzene	2500	2590		ug/Kg		104	78 - 125
1,2-Dichloroethane	2500	2680		ug/Kg		107	74 - 127
1,2-Dichloropropane	2500	2630		ug/Kg		105	80 - 120
1,3,5-Trimethylbenzene	2500	2680		ug/Kg		107	79 - 120
1,3-Dichlorobenzene	2500	2720		ug/Kg		109	80 - 120
1,4-Dichlorobenzene	2500	2620		ug/Kg		105	80 - 120
2-Butanone (MEK)	12500	10200		ug/Kg		82	54 - 149
2-Hexanone	12500	9570		ug/Kg		77	59 - 127
4-Isopropyltoluene	2500	2700		ug/Kg		108	80 - 120
4-Methyl-2-pentanone (MIBK)	12500	10000		ug/Kg		80	74 - 120
Acetone	12500	10800		ug/Kg		86	47 - 141
Benzene	2500	2690		ug/Kg		108	77 - 125
Bromoform	2500	2270		ug/Kg		91	48 - 125
Bromomethane	2500	2560		ug/Kg		102	39 - 149
Carbon disulfide	2500	2390		ug/Kg		96	40 - 136
Carbon tetrachloride	2500	2710		ug/Kg		108	54 - 135
Chlorobenzene	2500	2610		ug/Kg		104	76 - 126
Dibromochloromethane	2500	2470		ug/Kg		99	64 - 120
Chloroethane	2500	2000		ug/Kg		80	23 - 150
Chloroform	2500	2790		ug/Kg		112	78 - 120
Chloromethane	2500	2430		ug/Kg		97	61 - 124
cis-1,2-Dichloroethene	2500	2710		ug/Kg		108	79 - 124
Cyclohexane	2500	2650		ug/Kg		106	49 - 129
Bromodichloromethane	2500	2510		ug/Kg		100	71 - 121
Dichlorodifluoromethane	2500	2480		ug/Kg		99	10 - 150
Ethylbenzene	2500	2660		ug/Kg		106	78 - 124
1,2-Dibromoethane	2500	2530		ug/Kg		101	80 - 120
Isopropylbenzene	2500	2730		ug/Kg		109	76 - 120
Methyl acetate	12500	10300		ug/Kg		82	71 - 123
Methyl tert-butyl ether	2500	2350		ug/Kg		94	67 - 137
Methylcyclohexane	2500	2760		ug/Kg		111	50 - 130
Methylene Chloride	2500	2610		ug/Kg		104	75 - 118
Naphthalene	2500	1950		ug/Kg		78	65 - 142
n-Butylbenzene	2500	2730		ug/Kg		109	80 - 120
N-Propylbenzene	2500	2740		ug/Kg		109	76 - 120
sec-Butylbenzene	2500	2810		ug/Kg		113	79 - 120
Tetrachloroethene	2500	2840		ug/Kg		113	73 - 133
Toluene	2500	2690		ug/Kg		108	75 - 124
trans-1,2-Dichloroethene	2500	2660		ug/Kg		106	74 - 129

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-340158/1-A
Matrix: Solid
Analysis Batch: 340260

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 340158

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	2500	2490		ug/Kg		100	73 - 120
Trichloroethene	2500	2760		ug/Kg		110	75 - 131
Trichlorofluoromethane	2500	2950		ug/Kg		118	29 - 158
Vinyl chloride	2500	2810		ug/Kg		112	59 - 124
cis-1,3-Dichloropropene	2500	2600		ug/Kg		104	75 - 121
Styrene	2500	2660		ug/Kg		106	80 - 120
tert-Butylbenzene	2500	2690		ug/Kg		108	78 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*53 - 146*
4-Bromofluorobenzene (Surr)	*97*		*49 - 148*
Toluene-d8 (Surr)	*92*		*50 - 149*
Dibromofluoromethane (Surr)	*96*		*60 - 140*

Lab Sample ID: LB 480-339742/1-A
Matrix: Solid
Analysis Batch: 340019

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.010	U	0.010	0.0041	mg/L			01/13/17 21:03	10

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*01/13/17 21:03*	*10*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*01/13/17 21:03*	*10*
Toluene-d8 (Surr)	*101*		*80 - 120*		*01/13/17 21:03*	*10*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*01/13/17 21:03*	*10*

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

Lab Sample ID: MB 480-340009/1-A
Matrix: Solid
Analysis Batch: 340117

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 340009

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	170	U	170	46	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
2,4,6-Trichlorophenol	170	U	170	34	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
2,4-Dichlorophenol	170	U	170	18	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
2,4-Dimethylphenol	170	U	170	41	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
2,4-Dinitrophenol	1600	U	1600	780	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
2,4-Dinitrotoluene	170	U	170	35	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
2,6-Dinitrotoluene	170	U	170	20	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
2-Chloronaphthalene	170	U	170	28	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
2-Chlorophenol	170	U	170	31	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
2-Methylnaphthalene	170	U	170	34	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
2-Methylphenol	170	U	170	20	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
2-Nitroaniline	330	U	330	25	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
2-Nitrophenol	170	U	170	48	ug/Kg		01/13/17 15:36	01/16/17 09:28	1

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

Lab Sample ID: MB 480-340009/1-A
Matrix: Solid
Analysis Batch: 340117

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 340009

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	330	U	330	200	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
3-Nitroaniline	330	U	330	47	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
4,6-Dinitro-2-methylphenol	330	U	330	170	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
4-Bromophenyl phenyl ether	170	U	170	24	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
4-Chloro-3-methylphenol	170	U	170	42	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
4-Chloroaniline	170	U	170	42	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
4-Chlorophenyl phenyl ether	170	U	170	21	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
4-Methylphenol	330	U	330	20	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
4-Nitroaniline	330	U	330	88	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
4-Nitrophenol	330	U	330	120	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Acenaphthene	170	U	170	25	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Acenaphthylene	170	U	170	22	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Acetophenone	170	U	170	23	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Anthracene	170	U	170	42	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Atrazine	170	U	170	58	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Benzaldehyde	170	U	170	130	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Benzo[a]anthracene	170	U	170	17	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Benzo[a]pyrene	170	U	170	25	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Benzo[b]fluoranthene	170	U	170	27	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Benzo[g,h,i]perylene	170	U	170	18	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Benzo[k]fluoranthene	170	U	170	22	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Biphenyl	170	U	170	25	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
bis (2-chloroisopropyl) ether	170	U	170	34	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Bis(2-chloroethoxy)methane	170	U	170	36	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Bis(2-chloroethyl)ether	170	U	170	22	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Bis(2-ethylhexyl) phthalate	170	U	170	57	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Butyl benzyl phthalate	170	U	170	28	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Caprolactam	170	U	170	51	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Carbazole	170	U	170	20	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Chrysene	170	U	170	38	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Dibenz(a,h)anthracene	170	U	170	30	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Dibenzofuran	170	U	170	20	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Diethyl phthalate	170	U	170	22	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Dimethyl phthalate	170	U	170	20	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Di-n-butyl phthalate	170	U	170	29	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Di-n-octyl phthalate	170	U	170	20	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Fluoranthene	170	U	170	18	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Fluorene	170	U	170	20	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Hexachlorobenzene	170	U	170	23	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Hexachlorobutadiene	170	U	170	25	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Hexachlorocyclopentadiene	170	U	170	23	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Hexachloroethane	170	U	170	22	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Indeno[1,2,3-cd]pyrene	170	U	170	21	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Isophorone	170	U	170	36	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Naphthalene	170	U	170	22	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Nitrobenzene	170	U	170	19	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
N-Nitrosodi-n-propylamine	170	U	170	29	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
N-Nitrosodiphenylamine	170	U	170	140	ug/Kg		01/13/17 15:36	01/16/17 09:28	1

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

Lab Sample ID: MB 480-340009/1-A
Matrix: Solid
Analysis Batch: 340117

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 340009

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	330	U	330	170	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Phenanthrene	170	U	170	25	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Phenol	170	U	170	26	ug/Kg		01/13/17 15:36	01/16/17 09:28	1
Pyrene	170	U	170	20	ug/Kg		01/13/17 15:36	01/16/17 09:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*54 - 120*	*01/13/17 15:36*	*01/16/17 09:28*	*1*
2-Fluorobiphenyl	*79*		*60 - 120*	*01/13/17 15:36*	*01/16/17 09:28*	*1*
2-Fluorophenol (Surr)	*75*		*52 - 120*	*01/13/17 15:36*	*01/16/17 09:28*	*1*
Nitrobenzene-d5 (Surr)	*72*		*53 - 120*	*01/13/17 15:36*	*01/16/17 09:28*	*1*
Phenol-d5 (Surr)	*77*		*54 - 120*	*01/13/17 15:36*	*01/16/17 09:28*	*1*
p-Terphenyl-d14 (Surr)	*87*		*65 - 121*	*01/13/17 15:36*	*01/16/17 09:28*	*1*

Lab Sample ID: LCS 480-340009/2-A
Matrix: Solid
Analysis Batch: 340117

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 340009

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	1620	1430		ug/Kg		88	59 - 126
2,4,6-Trichlorophenol	1620	1430		ug/Kg		88	59 - 123
2,4-Dichlorophenol	1620	1350		ug/Kg		83	61 - 120
2,4-Dimethylphenol	1620	1300		ug/Kg		80	59 - 120
2,4-Dinitrophenol	3250	2910		ug/Kg		90	41 - 146
2,4-Dinitrotoluene	1620	1440		ug/Kg		89	63 - 120
2,6-Dinitrotoluene	1620	1430		ug/Kg		88	66 - 120
2-Chloronaphthalene	1620	1360		ug/Kg		84	57 - 120
2-Chlorophenol	1620	1260		ug/Kg		78	53 - 120
2-Methylnaphthalene	1620	1340		ug/Kg		82	59 - 120
2-Methylphenol	1620	1280		ug/Kg		79	54 - 120
2-Nitroaniline	1620	1440		ug/Kg		89	61 - 120
2-Nitrophenol	1620	1340		ug/Kg		83	56 - 120
3,3'-Dichlorobenzidine	3250	1970		ug/Kg		61	54 - 120
3-Nitroaniline	1620	1020		ug/Kg		63	48 - 120
4,6-Dinitro-2-methylphenol	3250	2860		ug/Kg		88	49 - 122
4-Bromophenyl phenyl ether	1620	1400		ug/Kg		86	58 - 120
4-Chloro-3-methylphenol	1620	1350		ug/Kg		83	61 - 120
4-Chloroaniline	1620	732		ug/Kg		45	38 - 120
4-Chlorophenyl phenyl ether	1620	1340		ug/Kg		83	63 - 124
4-Methylphenol	1620	1300		ug/Kg		80	55 - 120
4-Nitroaniline	1620	1310		ug/Kg		81	56 - 120
4-Nitrophenol	3250	2790		ug/Kg		86	43 - 147
Acenaphthene	1620	1360		ug/Kg		84	62 - 120
Acenaphthylene	1620	1450		ug/Kg		89	58 - 121
Acetophenone	1620	1260		ug/Kg		78	54 - 120
Anthracene	1620	1460		ug/Kg		90	62 - 120
Atrazine	3250	2740		ug/Kg		84	60 - 127
Benzaldehyde	3250	1580		ug/Kg		49	10 - 150
Benzo[a]anthracene	1620	1480		ug/Kg		91	65 - 120

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

Lab Sample ID: LCS 480-340009/2-A
Matrix: Solid
Analysis Batch: 340117

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 340009

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[a]pyrene	1620	1380		ug/Kg		85	64 - 120
Benzo[b]fluoranthene	1620	1410		ug/Kg		87	64 - 120
Benzo[g,h,i]perylene	1620	1430		ug/Kg		88	45 - 145
Benzo[k]fluoranthene	1620	1440		ug/Kg		89	65 - 120
Biphenyl	1620	1380		ug/Kg		85	59 - 120
bis (2-chloroisopropyl) ether	1620	1250		ug/Kg		77	44 - 120
Bis(2-chloroethoxy)methane	1620	1320		ug/Kg		81	55 - 120
Bis(2-chloroethyl)ether	1620	1210		ug/Kg		74	45 - 120
Bis(2-ethylhexyl) phthalate	1620	1390		ug/Kg		86	61 - 133
Butyl benzyl phthalate	1620	1460		ug/Kg		90	61 - 129
Caprolactam	3250	2790		ug/Kg		86	47 - 120
Carbazole	1620	1450		ug/Kg		89	65 - 120
Chrysene	1620	1470		ug/Kg		91	64 - 120
Dibenz(a,h)anthracene	1620	1400		ug/Kg		86	54 - 132
Dibenzofuran	1620	1380		ug/Kg		85	63 - 120
Diethyl phthalate	1620	1360		ug/Kg		84	66 - 120
Dimethyl phthalate	1620	1410		ug/Kg		87	65 - 124
Di-n-butyl phthalate	1620	1440		ug/Kg		88	58 - 130
Di-n-octyl phthalate	1620	1450		ug/Kg		89	57 - 133
Fluoranthene	1620	1470		ug/Kg		91	62 - 120
Fluorene	1620	1370		ug/Kg		84	63 - 120
Hexachlorobenzene	1620	1380		ug/Kg		85	60 - 120
Hexachlorobutadiene	1620	1200		ug/Kg		74	45 - 120
Hexachlorocyclopentadiene	1620	1430		ug/Kg		88	47 - 120
Hexachloroethane	1620	1140		ug/Kg		70	41 - 120
Indeno[1,2,3-cd]pyrene	1620	1410		ug/Kg		87	56 - 134
Isophorone	1620	1340		ug/Kg		83	56 - 120
Naphthalene	1620	1290		ug/Kg		79	55 - 120
Nitrobenzene	1620	1270		ug/Kg		78	54 - 120
N-Nitrosodi-n-propylamine	1620	1250		ug/Kg		77	52 - 120
N-Nitrosodiphenylamine	1620	1430		ug/Kg		88	51 - 128
Pentachlorophenol	3250	2590		ug/Kg		80	51 - 120
Phenanthrene	1620	1440		ug/Kg		89	60 - 120
Phenol	1620	1320		ug/Kg		81	53 - 120
Pyrene	1620	1520		ug/Kg		94	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*84*		*54 - 120*
2-Fluorobiphenyl	*82*		*60 - 120*
2-Fluorophenol (Surr)	*77*		*52 - 120*
Nitrobenzene-d5 (Surr)	*84*		*53 - 120*
Phenol-d5 (Surr)	*80*		*54 - 120*
p-Terphenyl-d14 (Surr)	*83*		*65 - 121*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 480-339980/1-A
Matrix: Solid
Analysis Batch: 339949

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 339980

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	1.2	U	1.2	0.33	mg/Kg		01/13/17 12:16	01/13/17 12:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*46 - 156*	*01/13/17 12:16*	*01/13/17 12:57*	*1*

Lab Sample ID: MB 480-339980/1-A
Matrix: Solid
Analysis Batch: 340074

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 339980

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	1.2	U	1.2	0.33	mg/Kg		01/13/17 12:16	01/14/17 19:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*46 - 156*	*01/13/17 12:16*	*01/14/17 19:29*	*1*

Lab Sample ID: LCS 480-339980/2-A
Matrix: Solid
Analysis Batch: 339949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 339980

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C6-C10)			9.82	9.99		mg/Kg		102	64 - 129		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*91*		*46 - 156*

Lab Sample ID: LCS 480-339980/2-A
Matrix: Solid
Analysis Batch: 340074

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 339980

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C6-C10)			9.82	9.77		mg/Kg		100	64 - 129		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*94*		*46 - 156*

Lab Sample ID: 480-112103-3 MS
Matrix: Solid
Analysis Batch: 339949

Client Sample ID: GCM2-0117
Prep Type: Total/NA
Prep Batch: 339980

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C6-C10)	7.0		12.2	15.0		mg/Kg	☼	66	41 - 142		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*67*		*46 - 156*

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 480-112103-3 MSD
Matrix: Solid
Analysis Batch: 339949

Client Sample ID: GCM2-0117
Prep Type: Total/NA
Prep Batch: 339980

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C6-C10)	7.0		11.8	14.1		mg/Kg	☼	61	41 - 142	6	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*66*		*46 - 156*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 480-339694/1-A
Matrix: Solid
Analysis Batch: 339796

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 339694

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	17	U	17	5.0	mg/Kg		01/12/17 06:18	01/12/17 13:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*81*		*48 - 125*	*01/12/17 06:18*	*01/12/17 13:45*	*1*

Lab Sample ID: LCS 480-339694/2-A
Matrix: Solid
Analysis Batch: 339796

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 339694

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	49.8	47.5		mg/Kg		96	63 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*96*		*48 - 125*

Lab Sample ID: LCSD 480-339694/3-A
Matrix: Solid
Analysis Batch: 339796

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 339694

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	49.8	49.8		mg/Kg		100	63 - 127	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*100*		*48 - 125*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-339695/1-A
Matrix: Solid
Analysis Batch: 339788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 339695

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.23	U	0.23	0.045	mg/Kg		01/12/17 06:26	01/12/17 15:50	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-339695/1-A
Matrix: Solid
Analysis Batch: 339788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 339695

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	0.23	U	0.23	0.045	mg/Kg		01/12/17 06:26	01/12/17 15:50	1
PCB-1232	0.23	U	0.23	0.045	mg/Kg		01/12/17 06:26	01/12/17 15:50	1
PCB-1242	0.23	U	0.23	0.045	mg/Kg		01/12/17 06:26	01/12/17 15:50	1
PCB-1248	0.23	U	0.23	0.045	mg/Kg		01/12/17 06:26	01/12/17 15:50	1
PCB-1254	0.23	U	0.23	0.11	mg/Kg		01/12/17 06:26	01/12/17 15:50	1
PCB-1260	0.23	U	0.23	0.11	mg/Kg		01/12/17 06:26	01/12/17 15:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*116*		*60 - 154*	*01/12/17 06:26*	*01/12/17 15:50*	*1*
DCB Decachlorobiphenyl	*126*		*65 - 174*	*01/12/17 06:26*	*01/12/17 15:50*	*1*

Lab Sample ID: LCS 480-339695/2-A
Matrix: Solid
Analysis Batch: 339788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 339695

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2.30	3.70		mg/Kg		160	51 - 185
PCB-1260	2.30	3.78		mg/Kg		164	61 - 184

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*146*		*60 - 154*
DCB Decachlorobiphenyl	*167*		*65 - 174*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-339937/2-A
Matrix: Solid
Analysis Batch: 340411

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 339937

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.020	U	0.020	0.0030	mg/L		01/13/17 10:30	01/16/17 19:23	1

Lab Sample ID: LCS 480-339937/3-A
Matrix: Solid
Analysis Batch: 340411

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 339937

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.974		mg/L		97	80 - 120

Lab Sample ID: MB 480-339938/2-A
Matrix: Solid
Analysis Batch: 340265

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 339938

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.020	U	0.020	0.0030	mg/L		01/13/17 10:30	01/16/17 17:45	1

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

Lab Sample ID: LCS 480-339938/3-A
Matrix: Solid
Analysis Batch: 340265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 339938

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	1.05		mg/L		105	80 - 120

Lab Sample ID: MB 480-339991/1-A
Matrix: Solid
Analysis Batch: 340290

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 339991

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0	U	2.0	0.39	mg/Kg		01/13/17 15:22	01/16/17 13:25	1
Barium	0.49	U	0.49	0.11	mg/Kg		01/13/17 15:22	01/16/17 13:25	1
Cadmium	0.20	U	0.20	0.029	mg/Kg		01/13/17 15:22	01/16/17 13:25	1
Chromium	0.49	U	0.49	0.20	mg/Kg		01/13/17 15:22	01/16/17 13:25	1
Lead	0.98	U	0.98	0.23	mg/Kg		01/13/17 15:22	01/16/17 13:25	1
Selenium	3.9	U	3.9	0.39	mg/Kg		01/13/17 15:22	01/16/17 13:25	1
Silver	0.59	U	0.59	0.20	mg/Kg		01/13/17 15:22	01/16/17 13:25	1

Lab Sample ID: LCSSRM 480-339991/2-A
Matrix: Solid
Analysis Batch: 340290

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 339991

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	145	133.6		mg/Kg		92.1	70.3 - 136.6
Barium	209	180.5		mg/Kg		86.3	73.7 - 126.8
Cadmium	87.6	75.08		mg/Kg		85.7	73.3 - 126.7
Chromium	143	126.7		mg/Kg		88.6	69.9 - 129.4
Lead	146	151.0		mg/Kg		103.4	73.3 - 126.7
Selenium	178	159.3		mg/Kg		89.5	68.0 - 131.5
Silver	31.3	27.24		mg/Kg		87.0	65.2 - 134.5

Lab Sample ID: MB 480-340793/2-A
Matrix: Solid
Analysis Batch: 341158

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 340793

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.020	U	0.020	0.0030	mg/L		01/20/17 09:34	01/23/17 15:31	1

Lab Sample ID: LCS 480-340793/3-A
Matrix: Solid
Analysis Batch: 341158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 340793

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.936		mg/L		94	80 - 120

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

Lab Sample ID: LB2 480-339780/1-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 340411 — **Prep Batch: 339937**

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.020	U	0.020	0.0030	mg/L		01/13/17 10:30	01/16/17 19:10	1

Lab Sample ID: LB 480-339741/1-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 340265 — **Prep Batch: 339938**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.020	U	0.020	0.0030	mg/L		01/13/17 10:30	01/16/17 17:41	1

Lab Sample ID: LB2 480-340627/1-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 341158 — **Prep Batch: 340793**

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.020	U	0.020	0.0030	mg/L		01/20/17 09:34	01/23/17 15:28	1

Lab Sample ID: 480-112103-4 MS — **Client Sample ID: GCM3-0117**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 341158 — **Prep Batch: 340793**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	5.6		1.00	6.61	4	mg/L		101	75 - 125

Lab Sample ID: 480-112103-4 MSD — **Client Sample ID: GCM3-0117**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 341158 — **Prep Batch: 340793**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	5.6		1.00	6.60	4	mg/L		100	75 - 125	0	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-339923/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 339976 — **Prep Batch: 339923**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	U	0.019	0.0079	mg/Kg		01/13/17 09:50	01/13/17 11:18	1

Lab Sample ID: LCSSRM 480-339923/2-A ^10 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 339976 — **Prep Batch: 339923**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	12.6	12.01		mg/Kg		95.3	44.4 - 128.6

Method: 1010A - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 480-340380/1
Matrix: Solid
Analysis Batch: 340380

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	82.00		Degrees F		101	97.5 - 102.5		

QC Association Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-1

GC/MS VOA

Leach Batch: 339742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	TCLP	Solid	1311	
480-112103-2	GCM1-0117	TCLP	Solid	1311	
480-112103-3	GCM2-0117	TCLP	Solid	1311	
480-112103-4	GCM3-0117	TCLP	Solid	1311	
LB 480-339742/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 340019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	TCLP	Solid	8260C	339742
480-112103-2	GCM1-0117	TCLP	Solid	8260C	339742
480-112103-3	GCM2-0117	TCLP	Solid	8260C	339742
480-112103-4	GCM3-0117	TCLP	Solid	8260C	339742
LB 480-339742/1-A	Method Blank	TCLP	Solid	8260C	339742
MB 480-340019/7	Method Blank	Total/NA	Solid	8260C	
LCS 480-340019/5	Lab Control Sample	Total/NA	Solid	8260C	

Prep Batch: 340158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	Total/NA	Solid	5035A	
MB 480-340158/2-A	Method Blank	Total/NA	Solid	5035A	
LCS 480-340158/1-A	Lab Control Sample	Total/NA	Solid	5035A	

Analysis Batch: 340260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-340158/2-A	Method Blank	Total/NA	Solid	8260C	340158
LCS 480-340158/1-A	Lab Control Sample	Total/NA	Solid	8260C	340158

Analysis Batch: 340630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	Total/NA	Solid	8260C	340158

GC/MS Semi VOA

Prep Batch: 340009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	Total/NA	Solid	3550C	
MB 480-340009/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-340009/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 340117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	Total/NA	Solid	8270D	340009
MB 480-340009/1-A	Method Blank	Total/NA	Solid	8270D	340009
LCS 480-340009/2-A	Lab Control Sample	Total/NA	Solid	8270D	340009

GC VOA

Analysis Batch: 339949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-2	GCM1-0117	Total/NA	Solid	8015D	339980

GC VOA (Continued)

Analysis Batch: 339949 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-3	GCM2-0117	Total/NA	Solid	8015D	339980
480-112103-4	GCM3-0117	Total/NA	Solid	8015D	339980
MB 480-339980/1-A	Method Blank	Total/NA	Solid	8015D	339980
LCS 480-339980/2-A	Lab Control Sample	Total/NA	Solid	8015D	339980
480-112103-3 MS	GCM2-0117	Total/NA	Solid	8015D	339980
480-112103-3 MSD	GCM2-0117	Total/NA	Solid	8015D	339980

Prep Batch: 339980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	Total/NA	Solid	5035	
480-112103-2	GCM1-0117	Total/NA	Solid	5035	
480-112103-3	GCM2-0117	Total/NA	Solid	5035	
480-112103-4	GCM3-0117	Total/NA	Solid	5035	
MB 480-339980/1-A	Method Blank	Total/NA	Solid	5035	
LCS 480-339980/2-A	Lab Control Sample	Total/NA	Solid	5035	
480-112103-3 MS	GCM2-0117	Total/NA	Solid	5035	
480-112103-3 MSD	GCM2-0117	Total/NA	Solid	5035	

Analysis Batch: 340074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	Total/NA	Solid	8015D	339980
MB 480-339980/1-A	Method Blank	Total/NA	Solid	8015D	339980
LCS 480-339980/2-A	Lab Control Sample	Total/NA	Solid	8015D	339980

GC Semi VOA

Prep Batch: 339694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	Total/NA	Solid	3550C	
480-112103-2	GCM1-0117	Total/NA	Solid	3550C	
480-112103-3	GCM2-0117	Total/NA	Solid	3550C	
480-112103-4	GCM3-0117	Total/NA	Solid	3550C	
MB 480-339694/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-339694/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 480-339694/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

Prep Batch: 339695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	Total/NA	Solid	3550C	
MB 480-339695/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-339695/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 339788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	Total/NA	Solid	8082A	339695
MB 480-339695/1-A	Method Blank	Total/NA	Solid	8082A	339695
LCS 480-339695/2-A	Lab Control Sample	Total/NA	Solid	8082A	339695

GC Semi VOA (Continued)

Analysis Batch: 339796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	Total/NA	Solid	8015D	339694
480-112103-2	GCM1-0117	Total/NA	Solid	8015D	339694
480-112103-3	GCM2-0117	Total/NA	Solid	8015D	339694
MB 480-339694/1-A	Method Blank	Total/NA	Solid	8015D	339694
LCS 480-339694/2-A	Lab Control Sample	Total/NA	Solid	8015D	339694
LCSD 480-339694/3-A	Lab Control Sample Dup	Total/NA	Solid	8015D	339694

Analysis Batch: 339957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-4	GCM3-0117	Total/NA	Solid	8015D	339694

Metals

Leach Batch: 339741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-2	GCM1-0117	TCLP	Solid	1311	
LB 480-339741/1-B	Method Blank	TCLP	Solid	1311	

Leach Batch: 339780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	TCLP	Solid	1311	
480-112103-3	GCM2-0117	TCLP	Solid	1311	
LB2 480-339780/1-B	Method Blank	TCLP	Solid	1311	

Prep Batch: 339923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	Total/NA	Solid	7471B	
MB 480-339923/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-339923/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 339937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	TCLP	Solid	3010A	339780
480-112103-3	GCM2-0117	TCLP	Solid	3010A	339780
LB2 480-339780/1-B	Method Blank	TCLP	Solid	3010A	339780
MB 480-339937/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 480-339937/3-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 339938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-2	GCM1-0117	TCLP	Solid	3010A	339741
LB 480-339741/1-B	Method Blank	TCLP	Solid	3010A	339741
MB 480-339938/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 480-339938/3-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 339976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	Total/NA	Solid	7471B	339923
MB 480-339923/1-A	Method Blank	Total/NA	Solid	7471B	339923
LCSSRM 480-339923/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	339923

Metals (Continued)

Prep Batch: 339991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	Total/NA	Solid	3050B	
MB 480-339991/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-339991/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 340265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-2	GCM1-0117	TCLP	Solid	6010C	339938
LB 480-339741/1-B	Method Blank	TCLP	Solid	6010C	339938
MB 480-339938/2-A	Method Blank	Total/NA	Solid	6010C	339938
LCS 480-339938/3-A	Lab Control Sample	Total/NA	Solid	6010C	339938

Analysis Batch: 340290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	Total/NA	Solid	6010C	339991
MB 480-339991/1-A	Method Blank	Total/NA	Solid	6010C	339991
LCSSRM 480-339991/2-A	Lab Control Sample	Total/NA	Solid	6010C	339991

Analysis Batch: 340411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	TCLP	Solid	6010C	339937
480-112103-3	GCM2-0117	TCLP	Solid	6010C	339937
LB2 480-339780/1-B	Method Blank	TCLP	Solid	6010C	339937
MB 480-339937/2-A	Method Blank	Total/NA	Solid	6010C	339937
LCS 480-339937/3-A	Lab Control Sample	Total/NA	Solid	6010C	339937

Leach Batch: 340627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-4	GCM3-0117	TCLP	Solid	1311	
LB2 480-340627/1-B	Method Blank	TCLP	Solid	1311	
480-112103-4 MS	GCM3-0117	TCLP	Solid	1311	
480-112103-4 MSD	GCM3-0117	TCLP	Solid	1311	

Prep Batch: 340793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-4	GCM3-0117	TCLP	Solid	3010A	340627
LB2 480-340627/1-B	Method Blank	TCLP	Solid	3010A	340627
MB 480-340793/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 480-340793/3-A	Lab Control Sample	Total/NA	Solid	3010A	
480-112103-4 MS	GCM3-0117	TCLP	Solid	3010A	340627
480-112103-4 MSD	GCM3-0117	TCLP	Solid	3010A	340627

Analysis Batch: 341158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-4	GCM3-0117	TCLP	Solid	6010C	340793
LB2 480-340627/1-B	Method Blank	TCLP	Solid	6010C	340793
MB 480-340793/2-A	Method Blank	Total/NA	Solid	6010C	340793
LCS 480-340793/3-A	Lab Control Sample	Total/NA	Solid	6010C	340793
480-112103-4 MS	GCM3-0117	TCLP	Solid	6010C	340793
480-112103-4 MSD	GCM3-0117	TCLP	Solid	6010C	340793

QC Association Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-1

General Chemistry

Analysis Batch: 339692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	Total/NA	Solid	Moisture	
480-112103-2	GCM1-0117	Total/NA	Solid	Moisture	
480-112103-3	GCM2-0117	Total/NA	Solid	Moisture	
480-112103-4	GCM3-0117	Total/NA	Solid	Moisture	

Analysis Batch: 340380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	Total/NA	Solid	1010A	
480-112103-2	GCM1-0117	Total/NA	Solid	1010A	
480-112103-3	GCM2-0117	Total/NA	Solid	1010A	
480-112103-4	GCM3-0117	Total/NA	Solid	1010A	
LCS 480-340380/1	Lab Control Sample	Total/NA	Solid	1010A	

Client Sample ID: LEAD1-0117

Lab Sample ID: 480-112103-1

Date Collected: 01/11/17 12:00

Matrix: Solid

Date Received: 01/11/17 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			339742	01/12/17 08:38	CPH	TAL BUF
TCLP	Analysis	8260C		10	340019	01/13/17 21:50	NEA	TAL BUF
TCLP	Leach	1311			339780	01/12/17 11:17	CPH	TAL BUF
TCLP	Prep	3010A			339937	01/13/17 10:30	MVZ	TAL BUF
TCLP	Analysis	6010C		1	340411	01/16/17 20:33	AMH	TAL BUF
Total/NA	Analysis	1010A		1	340380	01/17/17 16:31	JCL	TAL BUF
Total/NA	Analysis	Moisture		1	339692	01/12/17 05:09	CSW	TAL BUF

Client Sample ID: LEAD1-0117

Lab Sample ID: 480-112103-1

Date Collected: 01/11/17 12:00

Matrix: Solid

Date Received: 01/11/17 15:50

Percent Solids: 76.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			340158	01/16/17 10:21	NEA	TAL BUF
Total/NA	Analysis	8260C		5	340630	01/19/17 11:50	SMY	TAL BUF
Total/NA	Prep	3550C			340009	01/13/17 15:36	SMP	TAL BUF
Total/NA	Analysis	8270D		5	340117	01/16/17 12:04	LMW	TAL BUF
Total/NA	Prep	5035			339980	01/13/17 12:16	TRG	TAL BUF
Total/NA	Analysis	8015D		10	340074	01/14/17 20:38	JLS	TAL BUF
Total/NA	Prep	3550C			339694	01/12/17 06:18	CAM	TAL BUF
Total/NA	Analysis	8015D		1	339796	01/12/17 15:27	JMO	TAL BUF
Total/NA	Prep	3550C			339695	01/12/17 06:26	CAM	TAL BUF
Total/NA	Analysis	8082A		1	339788	01/12/17 17:10	KS	TAL BUF
Total/NA	Prep	3050B			339991	01/13/17 15:22	MVZ	TAL BUF
Total/NA	Analysis	6010C		1	340290	01/16/17 14:08	LMH	TAL BUF
Total/NA	Prep	7471B			339923	01/13/17 09:50	RMZ	TAL BUF
Total/NA	Analysis	7471B		1	339976	01/13/17 11:29	RMZ	TAL BUF

Client Sample ID: GCM1-0117

Lab Sample ID: 480-112103-2

Date Collected: 01/11/17 13:00

Matrix: Solid

Date Received: 01/11/17 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			339742	01/12/17 08:38	CPH	TAL BUF
TCLP	Analysis	8260C		10	340019	01/13/17 22:13	NEA	TAL BUF
TCLP	Leach	1311			339741	01/12/17 08:33	CPH	TAL BUF
TCLP	Prep	3010A			339938	01/13/17 10:30	MVZ	TAL BUF
TCLP	Analysis	6010C		1	340265	01/16/17 18:26	AMH	TAL BUF
Total/NA	Analysis	1010A		1	340380	01/17/17 16:31	JCL	TAL BUF
Total/NA	Analysis	Moisture		1	339692	01/12/17 05:09	CSW	TAL BUF

Lab Chronicle

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-1

Client Sample ID: GCM1-0117

Date Collected: 01/11/17 13:00
Date Received: 01/11/17 15:50

Lab Sample ID: 480-112103-2

Matrix: Solid
Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			339980	01/13/17 12:16	TRG	TAL BUF
Total/NA	Analysis	8015D		1	339949	01/13/17 17:58	JLS	TAL BUF
Total/NA	Prep	3550C			339694	01/12/17 06:18	CAM	TAL BUF
Total/NA	Analysis	8015D		20	339796	01/12/17 18:37	JMO	TAL BUF

Client Sample ID: GCM2-0117

Date Collected: 01/11/17 13:10
Date Received: 01/11/17 15:50

Lab Sample ID: 480-112103-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			339742	01/12/17 08:38	CPH	TAL BUF
TCLP	Analysis	8260C		10	340019	01/13/17 22:36	NEA	TAL BUF
TCLP	Leach	1311			339780	01/12/17 11:17	CPH	TAL BUF
TCLP	Prep	3010A			339937	01/13/17 10:30	MVZ	TAL BUF
TCLP	Analysis	6010C		1	340411	01/16/17 20:46	AMH	TAL BUF
Total/NA	Analysis	1010A		1	340380	01/17/17 16:31	JCL	TAL BUF
Total/NA	Analysis	Moisture		1	339692	01/12/17 05:09	CSW	TAL BUF

Client Sample ID: GCM2-0117

Date Collected: 01/11/17 13:10
Date Received: 01/11/17 15:50

Lab Sample ID: 480-112103-3

Matrix: Solid
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			339980	01/13/17 12:16	TRG	TAL BUF
Total/NA	Analysis	8015D		1	339949	01/13/17 15:41	JLS	TAL BUF
Total/NA	Prep	3550C			339694	01/12/17 06:18	CAM	TAL BUF
Total/NA	Analysis	8015D		10	339796	01/12/17 19:16	JMO	TAL BUF

Client Sample ID: GCM3-0117

Date Collected: 01/11/17 13:20
Date Received: 01/11/17 15:50

Lab Sample ID: 480-112103-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			339742	01/12/17 08:38	CPH	TAL BUF
TCLP	Analysis	8260C		10	340019	01/13/17 22:59	NEA	TAL BUF
TCLP	Leach	1311			340627	01/19/17 08:43	MAS	TAL BUF
TCLP	Prep	3010A			340793	01/20/17 09:34	MVZ	TAL BUF
TCLP	Analysis	6010C		1	341158	01/23/17 15:48	SLB	TAL BUF
Total/NA	Analysis	1010A		1	340380	01/17/17 16:31	JCL	TAL BUF
Total/NA	Analysis	Moisture		1	339692	01/12/17 05:09	CSW	TAL BUF

Lab Chronicle

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-1

Client Sample ID: GCM3-0117
Date Collected: 01/11/17 13:20
Date Received: 01/11/17 15:50

Lab Sample ID: 480-112103-4
Matrix: Solid
Percent Solids: 80.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			339980	01/13/17 12:16	TRG	TAL BUF
Total/NA	Analysis	8015D		1	339949	01/13/17 18:33	JLS	TAL BUF
Total/NA	Prep	3550C			339694	01/12/17 06:18	CAM	TAL BUF
Total/NA	Analysis	8015D		100	339957	01/13/17 14:35	JMO	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-17 *

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

* Certification renewal pending - certification considered valid.

Method Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8015D	Gasoline Range Organics (GRO) (GC)	SW846	TAL BUF
8015D	Diesel Range Organics (DRO) (GC)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7471B	Mercury (CVAA)	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL 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:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-112103-1	LEAD1-0117	Solid	01/11/17 12:00	01/11/17 15:50
480-112103-2	GCM1-0117	Solid	01/11/17 13:00	01/11/17 15:50
480-112103-3	GCM2-0117	Solid	01/11/17 13:10	01/11/17 15:50
480-112103-4	GCM3-0117	Solid	01/11/17 13:20	01/11/17 15:50

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
Phone: 716.691.2600 Fax: 716.691.7991

Chain of Custody Record

184018

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

TAL-8210 (0713)

1/25/2017

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: D. CROWLEY	Site Contact:	Date:	COC No:
Company Name: AMEC FW	Tel/Fax: 412-279-6661	Lab Contact:	Carrier:	____ of ____ COCs
Address: 300 N. BELLAVE SUITE 200	Analysis Turnaround Time			Sampler: S. HULBURT
City/State/Zip: CARNEGIE, PA 15106	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only
Phone: 412-279-6661	TAT if different from Below ____			Walk-in Client
Fax:	☑ 2 weeks STANDARD			Lab Sampling
Project Name: OU2 KROG-XOM TEST CELLS	☐ 1 week			Job / SDG No.
Site: OU2 FORMER XOM BUFFALO	☐ 2 days			480-112103 COC
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	6010-TCLP LEAD	8260C-TCLP BENZENE	1010A-FLASH POINT	8015D-DRO-SRO	8015D-GRO-GRO	6010C 7471B	8082A 8270D	8260C-TCL-STARS	6010C 7470A	Sample Specific Notes:
LEAD1-0117	1/11/17	1200	C	SOLID	10	X	X	X	X	X	X	X	X	X	X	X	HOLD RCRA METALS UNTIL NOTICE
GCM1-0117	↓	1300	↓	↓	6			X	X	X	X	X					
GCM2-0117	↓	1310	↓	↓	6			X	X	X	X	X					
GCM-3-0117	↓	1320	↓	↓	6			X	X	X	X	X					

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

3-0 #1

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
SEAN HULBURT	AMEC FW	1/11/17 1550	Karen Kuhl	TAB	15:50 1/11/17
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: AMEC Foster Wheeler E & I, Inc

Job Number: 480-112103-1

Login Number: 112103
List Number: 1
Creator: Conway, Curtis R

List Source: TestAmerica 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	AMEC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-112103-2
Client Project/Site: OV2 KROG-XOM Test Cells

For:
AMEC Foster Wheeler E & I, Inc
800 North Bell Avenue, Suite 200
Pittsburgh, Pennsylvania 15106

Attn: Dayne Crowley

Authorized for release by:
2/1/2017 12:40:58 PM

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-2

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
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)

Case Narrative

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-2

Job ID: 480-112103-2

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-112103-2

Comments
No additional comments.

Receipt
The samples were received on 1/11/2017 3:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0º C.

Metals
Method(s) 6010C: The following sample was diluted due to the presence of TCLP Sulfur which interferes with Lead: LEAD1-0117 (480-112103-1). Elevated reporting limits (RLs) are provided.

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

Organic Prep
Method(s) 1311: Due to the sample matrix and associated reaction to the extraction fluid, the laboratory was unable to perform the leaching procedure with the required 100g for the following sample: LEAD1-0117 (480-112103-1). The volume of leaching fluid was adjusted proportionally to maintain a 20:1 ratio of leaching fluid to weight of sample. Reporting limits (RLs) are not affected.

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

Detection Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-2

Client Sample ID: LEAD1-0117

Lab Sample ID: 480-112103-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.5		0.10	0.015	mg/L	5		6010C	TCLP

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-2

Client Sample ID: LEAD1-0117
Date Collected: 01/11/17 12:00
Date Received: 01/11/17 15:50

Lab Sample ID: 480-112103-1
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.5		0.10	0.015	mg/L		01/27/17 10:20	01/31/17 11:50	5

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-341676/2-A
Matrix: Solid
Analysis Batch: 342006

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 341676

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.020	U	0.020	0.0030	mg/L		01/27/17 10:20	01/30/17 13:58	1

Lab Sample ID: LCS 480-341676/3-A
Matrix: Solid
Analysis Batch: 342006

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 341676

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.962		mg/L		96	80 - 120

Lab Sample ID: LB2 480-341503/1-B
Matrix: Solid
Analysis Batch: 342006

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 341676

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.020	U	0.020	0.0030	mg/L		01/27/17 10:20	01/30/17 13:54	1

QC Association Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-2

Metals

Leach Batch: 341503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	TCLP	Solid	1311	
LB2 480-341503/1-B	Method Blank	TCLP	Solid	1311	

Prep Batch: 341676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	TCLP	Solid	3010A	341503
LB2 480-341503/1-B	Method Blank	TCLP	Solid	3010A	341503
MB 480-341676/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 480-341676/3-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 342006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB2 480-341503/1-B	Method Blank	TCLP	Solid	6010C	341676
MB 480-341676/2-A	Method Blank	Total/NA	Solid	6010C	341676
LCS 480-341676/3-A	Lab Control Sample	Total/NA	Solid	6010C	341676

Analysis Batch: 342079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-112103-1	LEAD1-0117	TCLP	Solid	6010C	341676

Lab Chronicle

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-2

Client Sample ID: LEAD1-0117
Date Collected: 01/11/17 12:00
Date Received: 01/11/17 15:50

Lab Sample ID: 480-112103-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			341503	01/26/17 15:41	MAS	TAL BUF
TCLP	Prep	3010A			341676	01/27/17 10:20	MVZ	TAL BUF
TCLP	Analysis	6010C		5	342079	01/31/17 11:50	LMH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-2

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-17 *

Analysis Method	Prep Method	Matrix	Analyte

* Certification renewal pending - certification considered valid.

Method Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-2

Method	Method Description	Protocol	Laboratory
6010C	Metals (ICP)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: OV2 KROG-XOM Test Cells

TestAmerica Job ID: 480-112103-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-112103-1	LEAD1-0117	Solid	01/11/17 12:00	01/11/17 15:50

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
Phone: 716.691.2600 Fax: 716.691.7991

Chain of Custody Record

184018

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THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

TAL-8210 (0713)

2/1/2017

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: D. CROWLEY	Site Contact:	Date:	COC No:
Company Name: AMEC FW	Tel/Fax: 412-279-6661	Lab Contact:	Carrier:	____ of ____ COCs
Address: 300 N. BELLAVE SUITE 200	Analysis Turnaround Time			Sampler: S. HULBURT
City/State/Zip: CARNEGIE, PA 15106	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only
Phone: 412-279-6661	TAT if different from Below ____			Walk-in Client
Fax:	☑ 2 weeks STANDARD			Lab Sampling
Project Name: OU2 KROG-XOM TEST CELLS	☐ 1 week			Job / SDG No.
Site: OU2 FORMER XOM BUFFALO	☐ 2 days			480-112103 COC
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	6010-TCLP LEAD	8260C-TCLP BENZENE	1010A-FLASH POINT	8015D-DRO-SRO	8015D-GRO-GRO	6010C_7471B	8082A_3210D	8260C-TCL-STARS	6010C_7470A	Sample Specific Notes:
LEAD1-0117	1/11/17	1200	C	SOLID	10	X	X	X	X	X	X	X	X	X	X	X	HOLD RCRA METALS UNTIL NOTICE
GCM1-0117	↓	1300	↓	↓	6			X	X	X	X	X					
GCM2-0117	↓	1310	↓	↓	6			X	X	X	X	X					
GCM-3-0117	↓	1320	↓	↓	6			X	X	X	X	X					

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

3-0 #1

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
SEAN HULBURT	AMEC FW	1/11/17 1550	Karen Kuhl	TAB	15:50 1/11/17
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: AMEC Foster Wheeler E & I, Inc

Job Number: 480-112103-2

Login Number: 112103
List Number: 1
Creator: Conway, Curtis R

List Source: TestAmerica 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	AMEC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

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THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-122014-1
Client Project/Site: KR Elk Street - AMEC

For:
AMEC Foster Wheeler E & I, Inc
800 North Bell Avenue, Suite 200
Pittsburgh, Pennsylvania 15106

Attn: Dayne Crowley

Authorized for release by:
8/8/2017 12:00:05 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: KR Elk Street - AMEC

TestAmerica Job ID: 480-122014-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Job ID: 480-122014-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-122014-1

Comments
No additional comments.

Receipt
The samples were received on 8/1/2017 3:05 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.3° C.

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

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

Detection Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: KR Elk Street - AMEC

TestAmerica Job ID: 480-122014-1

Client Sample ID: LEAD-1/2 — Lab Sample ID: 480-122014-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0078	J	0.020	0.0030	mg/L	1		6010C	TCLP

Client Sample ID: LEAD-1 — Lab Sample ID: 480-122014-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.023		0.020	0.0030	mg/L	1		6010C	TCLP

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: KR Elk Street - AMEC

TestAmerica Job ID: 480-122014-1

Client Sample ID: LEAD-1/2

Lab Sample ID: 480-122014-1

Date Collected: 07/26/17 08:50

Matrix: Solid

Date Received: 08/01/17 15:05

Method: 6010C - TCLP Lead - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0078	J	0.020	0.0030	mg/L		08/03/17 11:06	08/04/17 16:02	1

Client Sample ID: LEAD-1

Lab Sample ID: 480-122014-2

Date Collected: 07/26/17 09:00

Matrix: Solid

Date Received: 08/01/17 15:05

Method: 6010C - TCLP Lead - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.023		0.020	0.0030	mg/L		08/03/17 11:06	08/04/17 16:06	1

Method: 6010C - TCLP Lead

Lab Sample ID: MB 480-370279/2-A
Matrix: Solid
Analysis Batch: 370777

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 370279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.020	U	0.020	0.0030	mg/L		08/03/17 11:06	08/04/17 15:10	1

Lab Sample ID: LCS 480-370279/3-A
Matrix: Solid
Analysis Batch: 370777

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 370279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	1.08		mg/L		108	80 - 120

Lab Sample ID: LB 480-370094/1-B
Matrix: Solid
Analysis Batch: 370777

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 370279

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.020	U	0.020	0.0030	mg/L		08/03/17 11:06	08/04/17 15:07	1

QC Association Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: KR Elk Street - AMEC

TestAmerica Job ID: 480-122014-1

Metals

Leach Batch: 370094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122014-1	LEAD-1/2	TCLP	Solid	1311	
480-122014-2	LEAD-1	TCLP	Solid	1311	
LB 480-370094/1-B	Method Blank	TCLP	Solid	1311	

Prep Batch: 370279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122014-1	LEAD-1/2	TCLP	Solid	3010A	370094
480-122014-2	LEAD-1	TCLP	Solid	3010A	370094
LB 480-370094/1-B	Method Blank	TCLP	Solid	3010A	370094
MB 480-370279/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 480-370279/3-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 370777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122014-1	LEAD-1/2	TCLP	Solid	6010C	370279
480-122014-2	LEAD-1	TCLP	Solid	6010C	370279
LB 480-370094/1-B	Method Blank	TCLP	Solid	6010C	370279
MB 480-370279/2-A	Method Blank	Total/NA	Solid	6010C	370279
LCS 480-370279/3-A	Lab Control Sample	Total/NA	Solid	6010C	370279

Lab Chronicle

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: KR Elk Street - AMEC

TestAmerica Job ID: 480-122014-1

Client Sample ID: LEAD-1/2

Lab Sample ID: 480-122014-1

Date Collected: 07/26/17 08:50

Matrix: Solid

Date Received: 08/01/17 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			370094	08/02/17 12:13	MAS	TAL BUF
TCLP	Prep	3010A			370279	08/03/17 11:06	EMB	TAL BUF
TCLP	Analysis	6010C		1	370777	08/04/17 16:02	AMH	TAL BUF

Client Sample ID: LEAD-1

Lab Sample ID: 480-122014-2

Date Collected: 07/26/17 09:00

Matrix: Solid

Date Received: 08/01/17 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			370094	08/02/17 12:13	MAS	TAL BUF
TCLP	Prep	3010A			370279	08/03/17 11:06	EMB	TAL BUF
TCLP	Analysis	6010C		1	370777	08/04/17 16:06	AMH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: KR Elk Street - AMEC

TestAmerica Job ID: 480-122014-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

Analysis Method	Prep Method	Matrix	Analyte

Method Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: KR Elk Street - AMEC

TestAmerica Job ID: 480-122014-1

Method	Method Description	Protocol	Laboratory
6010C	TCLP Lead	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: KR Elk Street - AMEC

TestAmerica Job ID: 480-122014-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-122014-1	LEAD-1/2	Solid	07/26/17 08:50	08/01/17 15:05
480-122014-2	LEAD-1	Solid	07/26/17 09:00	08/01/17 15:05

TestAmerica Buffalo
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	Sampler: John Luttinger	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-100356-23889.1
Client Contact: Dayne Crowley	Phone: 716 998 6973	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: AMEC Foster Wheeler E & I, Inc				Job #:

Address: 800 North Bell Avenue, Suite 200	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Pittsburgh	TAT Requested (days): Normal		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2
State, Zip: PA, 15106			
Phone: 412 446-3163	PO #: 3617167397.02.01		
Email: dayne.crowley@amec.com	WO #:		480-122014 COC
Project Name: KR Elk Street - AMEC	Project #: 48015344		Other:
Site:	SSOW#:		

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 - TCLP Metals - Lead Extract Fluid #1 ONLY	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
Lead - 1/2	7/26/17	08:50	G	Solid			X		
Lead - 1	7/26/17	0900	G	Solid			X		
				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: John Luttinger	Date/Time: 8/1/17 1505	Company: Amec	Received by:	Date/Time: 8/1/17 1505	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: 4.3 #1

Login Sample Receipt Checklist

Client: AMEC Foster Wheeler E & I, Inc

Job Number: 480-122014-1

Login Number: 122014

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl M

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.	True	
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	AMEC
Samples received within 48 hours of sampling.	False	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-122014-2
Client Project/Site: KR Elk Street - AMEC

For:
AMEC Foster Wheeler E & I, Inc
800 North Bell Avenue, Suite 200
Pittsburgh, Pennsylvania 15106

Attn: Dayne Crowley

Authorized for release by:
8/17/2017 4:10:21 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Job ID: 480-122014-2

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-122014-2

Comments
No additional comments.

Receipt
The samples were received on 8/1/2017 3:05 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.3° C.

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

Detection Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: KR Elk Street - AMEC

TestAmerica Job ID: 480-122014-2

Client Sample ID: LEAD-1/2 — Lab Sample ID: 480-122014-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	702		1.5	0.35	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: LEAD-1 — Lab Sample ID: 480-122014-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7820		1.1	0.25	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: KR Elk Street - AMEC

TestAmerica Job ID: 480-122014-2

Client Sample ID: LEAD-1/2

Lab Sample ID: 480-122014-1

Date Collected: 07/26/17 08:50
Matrix: Solid
Date Received: 08/01/17 15:05
Percent Solids: 76.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	702		1.5	0.35	mg/Kg	☼	08/14/17 15:30	08/15/17 16:53	1

Client Sample ID: LEAD-1

Lab Sample ID: 480-122014-2

Date Collected: 07/26/17 09:00
Matrix: Solid
Date Received: 08/01/17 15:05
Percent Solids: 90.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7820		1.1	0.25	mg/Kg	☼	08/14/17 15:30	08/15/17 16:56	1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-372024/1-A
Matrix: Solid
Analysis Batch: 372382

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 372024

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.1	U	1.1	0.26	mg/Kg		08/14/17 15:30	08/15/17 16:07	1

Lab Sample ID: LCDSRM 480-372024/3-A
Matrix: Solid
Analysis Batch: 372382

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 372024

Analyte			Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead			88.4	92.35		mg/Kg		104.5	69.9 - 130.1	9	20

Lab Sample ID: LCSSRM 480-372024/2-A
Matrix: Solid
Analysis Batch: 372382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 372024

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			88.4	100.9		mg/Kg		114.1	69.9 - 130.1		

QC Association Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: KR Elk Street - AMEC

TestAmerica Job ID: 480-122014-2

Metals

Prep Batch: 372024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122014-1	LEAD-1/2	Total/NA	Solid	3050B	
480-122014-2	LEAD-1	Total/NA	Solid	3050B	
MB 480-372024/1-A	Method Blank	Total/NA	Solid	3050B	
LCDSRM 480-372024/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 480-372024/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 372382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122014-1	LEAD-1/2	Total/NA	Solid	6010C	372024
480-122014-2	LEAD-1	Total/NA	Solid	6010C	372024
MB 480-372024/1-A	Method Blank	Total/NA	Solid	6010C	372024
LCDSRM 480-372024/3-A	Lab Control Sample Dup	Total/NA	Solid	6010C	372024
LCSSRM 480-372024/2-A	Lab Control Sample	Total/NA	Solid	6010C	372024

General Chemistry

Analysis Batch: 369968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-122014-1	LEAD-1/2	Total/NA	Solid	Moisture	
480-122014-2	LEAD-1	Total/NA	Solid	Moisture	

Lab Chronicle

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: KR Elk Street - AMEC

TestAmerica Job ID: 480-122014-2

Client Sample ID: LEAD-1/2

Lab Sample ID: 480-122014-1

Date Collected: 07/26/17 08:50

Matrix: Solid

Date Received: 08/01/17 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	369968	08/02/17 06:21	CSW	TAL BUF

Client Sample ID: LEAD-1/2

Lab Sample ID: 480-122014-1

Date Collected: 07/26/17 08:50

Matrix: Solid

Date Received: 08/01/17 15:05

Percent Solids: 76.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			372024	08/14/17 15:30	EMB	TAL BUF
Total/NA	Analysis	6010C		1	372382	08/15/17 16:53	LMH	TAL BUF

Client Sample ID: LEAD-1

Lab Sample ID: 480-122014-2

Date Collected: 07/26/17 09:00

Matrix: Solid

Date Received: 08/01/17 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	369968	08/02/17 06:21	CSW	TAL BUF

Client Sample ID: LEAD-1

Lab Sample ID: 480-122014-2

Date Collected: 07/26/17 09:00

Matrix: Solid

Date Received: 08/01/17 15:05

Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			372024	08/14/17 15:30	EMB	TAL BUF
Total/NA	Analysis	6010C		1	372382	08/15/17 16:56	LMH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: KR Elk Street - AMEC

TestAmerica Job ID: 480-122014-2

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: KR Elk Street - AMEC

TestAmerica Job ID: 480-122014-2

Method	Method Description	Protocol	Laboratory
6010C	Metals (ICP)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL 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:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: AMEC Foster Wheeler E & I, Inc
Project/Site: KR Elk Street - AMEC

TestAmerica Job ID: 480-122014-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-122014-1	LEAD-1/2	Solid	07/26/17 08:50	08/01/17 15:05
480-122014-2	LEAD-1	Solid	07/26/17 09:00	08/01/17 15:05

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: John Luttinger	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-100356-23889.1
Client Contact: Dayne Crowley	Phone: 716 998 6973	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: AMEC Foster Wheeler E & I, Inc				Job #:

Address: 800 North Bell Avenue, Suite 200	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Pittsburgh	TAT Requested (days): Normal		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2
State, Zip: PA, 15106			
Phone: 412 446-3163	PO #: 3617167397.02.01		
Email: dayne.crowley@amec.com	WO #:		480-122014 COC
Project Name: KR Elk Street - AMEC	Project #: 48015344		Other:
Site:	SSOW#:		

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 - TCLP Metals - Lead Extract Fluid #1 ONLY	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
Lead - 1/2	7/26/17	08:50	G	Solid			X		
Lead - 1	7/26/17	0900	G	Solid			X		
				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: John Luttinger	Date/Time: 8/1/17 1505	Company: Amec	Received by:	Date/Time: 8/1/17 1505	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: 4.3 #1

Login Sample Receipt Checklist

Client: AMEC Foster Wheeler E & I, Inc

Job Number: 480-122014-2

Login Number: 122014

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl M

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.	True	
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	AMEC
Samples received within 48 hours of sampling.	False	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

ANALYTICAL REPORT

Lab Number:	L2266503
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Mike Lesakowski
Phone:	(716) 856-0599
Project Name:	555 ELK ST-GEOTECH BORINGS
Project Number:	B0495-022-001
Report Date:	12/12/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Serial_No:12122215:02

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001

Lab Number: L2266503
Report Date: 12/12/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2266503-01	GEOTECH-WASTE CHAR	SOIL	555 ELK ST	11/23/22 12:00	11/28/22

Project Name:	555 ELK ST-GEOTECH BORINGS	**Lab Number:**	L2266503
Project Number:	B0495-022-001	**Report Date:**	12/12/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	555 ELK ST-GEOTECH BORINGS	**Lab Number:**	L2266503
Project Number:	B0495-022-001	**Report Date:**	12/12/22

Case Narrative (continued)

Report Submission

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

Sample Receipt

The analyses performed were specified by the client.

L2266503-01: The analysis of TCLP Volatiles was not received in the recommended container. The analysis was performed at the client's request.

TCLP Semivolatiles

The WG1718842-2 LCS recovery, associated with L2266503-01, is below the acceptance criteria for pyridine (4%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 12/12/22

ORGANICS

VOLATILES

Project Name: 555 ELK ST-GEOTECH BORINGS **Lab Number:** L2266503

Project Number: B0495-022-001 **Report Date:** 12/12/22

SAMPLE RESULTS

Lab ID: L2266503-01 Date Collected: 11/23/22 12:00
Client ID: GEOTECH-WASTE CHAR Date Received: 11/28/22
Sample Location: 555 ELK ST Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/05/22 22:11
Analyst: MCM
Percent Solids: 73%
TCLP/SPLP Ext. Date: 12/02/22 15:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	2.8	J	ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	103		70-130
dibromofluoromethane	107		70-130

Project Name: 555 ELK ST-GEOTECH BORINGS **Lab Number:** L2266503

Project Number: B0495-022-001 **Report Date:** 12/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/05/22 16:08
Analyst: MCM
TCLP/SPLP Extraction Date: 12/02/22 15:28

Extraction Date: 12/02/22 15:28

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1719723-5					
Chloroform	3.0	J	ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
dibromofluoromethane	106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001
Lab Number: L2266503
Report Date: 12/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1719723-3 WG1719723-4								
Chloroform	98		100		70-130	2		20
Carbon tetrachloride	100		110		63-132	10		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	100		100		75-130	0		25
1,2-Dichloroethane	92		95		70-130	3		20
Benzene	100		100		70-130	0		25
Vinyl chloride	100		100		55-140	0		20
1,1-Dichloroethene	100		100		61-145	0		25
Trichloroethene	99		100		70-130	1		25
1,4-Dichlorobenzene	100		100		70-130	0		20
2-Butanone	82		86		63-138	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		94		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	99		98		70-130
dibromofluoromethane	99		101		70-130

SEMIVOLATILES

Project Name: 555 ELK ST-GEOTECH BORINGS
Lab Number: L2266503
Project Number: B0495-022-001
Report Date: 12/12/22

SAMPLE RESULTS

Lab ID: L2266503-01
Client ID: GEOTECH-WASTE CHAR
Sample Location: 555 ELK ST

Date Collected: 11/23/22 12:00
Date Received: 11/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/06/22 04:48
Analyst: CMM
Percent Solids: 73%
TCLP/SPLP Ext. Date: 11/30/22 06:16

Extraction Method: EPA 3510C
Extraction Date: 12/03/22 00:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	3.4	1
2,4-Dinitrotoluene	ND		ug/l	25	1.9	1
Hexachlorobutadiene	ND		ug/l	10	3.0	1
Hexachloroethane	ND		ug/l	10	2.2	1
Nitrobenzene	ND		ug/l	10	3.3	1
2,4,6-Trichlorophenol	ND		ug/l	25	2.5	1
Pentachlorophenol	ND		ug/l	50	9.8	1
2-Methylphenol	ND		ug/l	25	5.5	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	2.8	1
2,4,5-Trichlorophenol	ND		ug/l	25	1.9	1
Pyridine	ND		ug/l	18	4.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		21-120
Phenol-d6	65		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	74		33-120

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001
Lab Number: L2266503
Report Date: 12/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/05/22 23:20
Analyst: CMM
TCLP/SPLP Extraction Date: 11/30/22 06:16

Extraction Method: EPA 3510C
Extraction Date: 12/03/22 00:08

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1718842-1					
Hexachlorobenzene	ND		ug/l	10	3.4
2,4-Dinitrotoluene	ND		ug/l	25	1.9
Hexachlorobutadiene	ND		ug/l	10	3.0
Hexachloroethane	ND		ug/l	10	2.2
Nitrobenzene	ND		ug/l	10	3.3
2,4,6-Trichlorophenol	ND		ug/l	25	2.5
Pentachlorophenol	ND		ug/l	50	9.8
2-Methylphenol	ND		ug/l	25	5.5
3-Methylphenol/4-Methylphenol	ND		ug/l	25	2.8
2,4,5-Trichlorophenol	ND		ug/l	25	1.9
Pyridine	ND		ug/l	18	4.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		21-120
Phenol-d6	65		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	70		33-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001

Lab Number: L2266503
Report Date: 12/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1718842-2 WG1718842-3								
Hexachlorobenzene	82		70		40-140	16		30
2,4-Dinitrotoluene	85		75		40-132	13		30
Hexachlorobutadiene	69		57		28-111	19		30
Hexachloroethane	82		64		21-105	25		30
Nitrobenzene	79		65		40-140	19		30
2,4,6-Trichlorophenol	75		61		30-130	21		30
Pentachlorophenol	67		61		9-103	9		30
2-Methylphenol	80		62		30-130	25		30
3-Methylphenol/4-Methylphenol	84		68		30-130	21		30
2,4,5-Trichlorophenol	79		62		30-130	24		30
Pyridine	**4**	Q	13		10-66	**110**	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		64		21-120
Phenol-d6	71		57		10-120
Nitrobenzene-d5	80		64		23-120
2-Fluorobiphenyl	70		59		15-120
2,4,6-Tribromophenol	78		65		10-120
4-Terphenyl-d14	74		65		33-120

PCBS

Project Name: 555 ELK ST-GEOTECH BORINGS
Lab Number: L2266503
Project Number: B0495-022-001
Report Date: 12/12/22

SAMPLE RESULTS

Lab ID: L2266503-01
Client ID: GEOTECH-WASTE CHAR
Sample Location: 555 ELK ST

Date Collected: 11/23/22 12:00
Date Received: 11/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/02/22 10:48
Analyst: ER
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 12/01/22 00:58
Cleanup Method: EPA 3665A
Cleanup Date: 12/01/22
Cleanup Method: EPA 3660B
Cleanup Date: 12/02/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	43.3	3.84	1	A
Aroclor 1221	ND		ug/kg	43.3	4.34	1	A
Aroclor 1232	ND		ug/kg	43.3	9.17	1	A
Aroclor 1242	ND		ug/kg	43.3	5.83	1	A
Aroclor 1248	ND		ug/kg	43.3	6.49	1	A
Aroclor 1254	ND		ug/kg	43.3	4.73	1	A
Aroclor 1260	ND		ug/kg	43.3	8.00	1	A
Aroclor 1262	ND		ug/kg	43.3	5.50	1	A
Aroclor 1268	ND		ug/kg	43.3	4.48	1	A
PCBs, Total	ND		ug/kg	43.3	3.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001
Lab Number: L2266503
Report Date: 12/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/01/22 09:17
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 12/01/22 00:58
Cleanup Method: EPA 3665A
Cleanup Date: 12/01/22
Cleanup Method: EPA 3660B
Cleanup Date: 12/01/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1717875-1						
Aroclor 1016	ND		ug/kg	32.7	2.90	A
Aroclor 1221	ND		ug/kg	32.7	3.28	A
Aroclor 1232	ND		ug/kg	32.7	6.93	A
Aroclor 1242	ND		ug/kg	32.7	4.41	A
Aroclor 1248	ND		ug/kg	32.7	4.90	A
Aroclor 1254	ND		ug/kg	32.7	3.58	A
Aroclor 1260	ND		ug/kg	32.7	6.04	A
Aroclor 1262	ND		ug/kg	32.7	4.15	A
Aroclor 1268	ND		ug/kg	32.7	3.39	A
PCBs, Total	ND		ug/kg	32.7	2.90	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	111		30-150	B
Decachlorobiphenyl	75		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001

Lab Number: L2266503
Report Date: 12/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1717875-2 WG1717875-3									
Aroclor 1016	90		89		40-140	1		50	A
Aroclor 1260	71		68		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		105		30-150	A
Decachlorobiphenyl	71		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	109		111		30-150	B
Decachlorobiphenyl	77		76		30-150	B

PESTICIDES

Project Name: 555 ELK ST-GEOTECH BORINGS
Lab Number: L2266503
Project Number: B0495-022-001
Report Date: 12/12/22

SAMPLE RESULTS

Lab ID: L2266503-01
Client ID: GEOTECH-WASTE CHAR
Sample Location: 555 ELK ST

Date Collected: 11/23/22 12:00
Date Received: 11/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/03/22 17:40
Analyst: MMG
Percent Solids: 73%
TCLP/SPLP Ext. Date: 11/30/22 06:16

Extraction Method: EPA 3510C
Extraction Date: 12/03/22 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	123		30-150	A
Decachlorobiphenyl	130		30-150	A
2,4,5,6-Tetrachloro-m-xylene	116		30-150	B
Decachlorobiphenyl	118		30-150	B

Project Name: 555 ELK ST-GEOTECH BORINGS
Lab Number: L2266503
Project Number: B0495-022-001
Report Date: 12/12/22

SAMPLE RESULTS

Lab ID: L2266503-01
Client ID: GEOTECH-WASTE CHAR
Sample Location: 555 ELK ST

Date Collected: 11/23/22 12:00
Date Received: 11/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 12/05/22 21:04
Analyst: MMG
Percent Solids: 73%
TCLP/SPLP Ext. Date: 11/30/22 06:16
Methylation Date: 12/05/22 11:25

Extraction Method: EPA 8151A
Extraction Date: 12/04/22 11:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	46		30-150	A
DCAA	46		30-150	B

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001
Lab Number: L2266503
Report Date: 12/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/03/22 17:06
Analyst: MMG
TCLP/SPLP Extraction Date: 11/30/22 06:16

Extraction Method: EPA 3510C
Extraction Date: 12/03/22 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1718841-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	138		30-150	A
Decachlorobiphenyl	**151**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	131		30-150	B
Decachlorobiphenyl	135		30-150	B

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001
Lab Number: L2266503
Report Date: 12/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 12/05/22 20:09
Analyst: MMG
TCLP/SPLP Extraction Date: 11/30/22 06:16
Methylation Date: 12/05/22 11:25

Extraction Method: EPA 8151A
Extraction Date: 12/04/22 11:46

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1719114-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	59		30-150	A
DCAA	56		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001

Lab Number: L2266503
Report Date: 12/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1718841-2 WG1718841-3									
Lindane	153	Q	152	Q	30-150	1		20	A
Heptachlor	156	Q	153	Q	30-150	2		20	A
Heptachlor epoxide	158	Q	156	Q	30-150	1		20	A
Endrin	161	Q	160	Q	30-150	1		20	A
Methoxychlor	155	Q	157	Q	30-150	1		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	135		133		30-150	A
Decachlorobiphenyl	144		148		30-150	A
2,4,5,6-Tetrachloro-m-xylene	128		126		30-150	B
Decachlorobiphenyl	123		131		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001

Lab Number: L2266503
Report Date: 12/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1719114-2 WG1719114-3									
2,4-D	95		87		30-150	9		25	A
2,4,5-TP (Silvex)	43		49		30-150	13		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	71		65		30-150	A
DCAA	87		87		30-150	B

METALS

Project Name: 555 ELK ST-GEOTECH BORINGS **Lab Number:** L2266503

Project Number: B0495-022-001 **Report Date:** 12/12/22

SAMPLE RESULTS

Lab ID: L2266503-01 Date Collected: 11/23/22 12:00

Client ID: GEOTECH-WASTE CHAR Date Received: 11/28/22

Sample Location: 555 ELK ST Field Prep: Not Specified

Sample Depth: TCLP/SPLP Ext. Date: 11/30/22 06:16

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	12/01/22 09:48	12/02/22 08:51	EPA 3015	1,6010D	JMF
Barium, TCLP	0.423	J	mg/l	0.500	0.0210	1	12/01/22 09:48	12/02/22 08:51	EPA 3015	1,6010D	JMF
Cadmium, TCLP	0.0102	J	mg/l	0.100	0.0100	1	12/01/22 09:48	12/02/22 08:51	EPA 3015	1,6010D	JMF
Chromium, TCLP	0.0424	J	mg/l	0.200	0.0210	1	12/01/22 09:48	12/02/22 08:51	EPA 3015	1,6010D	JMF
Lead, TCLP	0.224	J	mg/l	0.500	0.0270	1	12/01/22 09:48	12/02/22 08:51	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	12/01/22 10:41	12/08/22 09:34	EPA 7470A	1,7470A	DMB
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	12/01/22 09:48	12/02/22 08:51	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	12/01/22 09:48	12/02/22 08:51	EPA 3015	1,6010D	JMF

Project Name: 555 ELK ST-GEOTECH BORINGS **Lab Number:** L2266503

Project Number: B0495-022-001 **Report Date:** 12/12/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1718060-1										
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	12/01/22 09:48	12/02/22 08:41	1,6010D	JMF
Barium, TCLP	ND		mg/l	0.500	0.0210	1	12/01/22 09:48	12/02/22 08:41	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	12/01/22 09:48	12/02/22 08:41	1,6010D	JMF
Chromium, TCLP	0.0216	J	mg/l	0.200	0.0210	1	12/01/22 09:48	12/02/22 08:41	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	12/01/22 09:48	12/02/22 08:41	1,6010D	JMF
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	12/01/22 09:48	12/02/22 08:41	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	12/01/22 09:48	12/02/22 08:41	1,6010D	JMF

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 11/30/22 06:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1718062-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	12/01/22 10:41	12/08/22 09:17	1,7470A	DMB

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 11/30/22 06:16

Lab Control Sample Analysis

Batch Quality Control

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001

Lab Number: L2266503
Report Date: 12/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1718060-2								
Arsenic, TCLP	105		-		75-125	-		20
Barium, TCLP	92		-		75-125	-		20
Cadmium, TCLP	100		-		75-125	-		20
Chromium, TCLP	92		-		75-125	-		20
Lead, TCLP	95		-		75-125	-		20
Selenium, TCLP	98		-		75-125	-		20
Silver, TCLP	82		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1718062-2								
Mercury, TCLP	87		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001

Lab Number: L2266503
Report Date: 12/12/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 WASTE CHAR				QC Batch ID: WG1718060-3			QC Sample: L2266503-01		Client ID: GEOTECH-			
Arsenic, TCLP	ND	1.2	1.30	108		-	-		75-125	-		20
Barium, TCLP	0.423J	20	18.8	94		-	-		75-125	-		20
Cadmium, TCLP	0.0102J	0.53	0.534	101		-	-		75-125	-		20
Chromium, TCLP	0.0424J	2	1.81	90		-	-		75-125	-		20
Lead, TCLP	0.224J	5.3	5.16	97		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.19	99		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.406	81		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 WASTE CHAR				QC Batch ID: WG1718062-3			QC Sample: L2266503-01		Client ID: GEOTECH-			
Mercury, TCLP	ND	0.025	0.0212	85		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001

Lab Number: L2266503
Report Date: 12/12/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1718060-4 QC Sample: L2266503-01 Client ID: GEOTECH-WASTE CHAR						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.423J	0.432J	mg/l	NC		20
Cadmium, TCLP	0.0102J	0.0103J	mg/l	NC		20
Chromium, TCLP	0.0424J	0.0323J	mg/l	NC		20
Lead, TCLP	0.224J	0.232J	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1718062-4 QC Sample: L2266503-01 Client ID: GEOTECH-WASTE CHAR						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001
Lab Number: L2266503
Report Date: 12/12/22

SAMPLE RESULTS

Lab ID: L2266503-01
Client ID: GEOTECH-WASTE CHAR
Sample Location: 555 ELK ST

Date Collected: 11/23/22 12:00
Date Received: 11/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material:	Unknown
Description of Material:	Non-Metallic - Wet Clay
Particle Size:	Fine
Preliminary Burning Time (sec):	120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	12/06/22 13:20	1,1030	MJ

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001
Lab Number: L2266503
Report Date: 12/12/22

SAMPLE RESULTS

Lab ID: L2266503-01
Client ID: GEOTECH-WASTE CHAR
Sample Location: 555 ELK ST
Sample Depth:
Matrix: Soil
Date Collected: 11/23/22 12:00
Date Received: 11/28/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.4		%	0.100	NA	1	-	11/29/22 11:06	121,2540G	RI
pH (H)	11.0		SU	-	NA	1	-	12/08/22 13:39	1,9045D	KES
Cyanide, Reactive	ND		mg/kg	10	10.	1	12/02/22 16:30	12/02/22 19:47	125,7.3	TMS
Sulfide, Reactive	ND		mg/kg	10	10.	1	12/02/22 16:30	12/02/22 18:52	125,7.3	TMS

Project Name: 555 ELK ST-GEOTECH BORINGS **Lab Number:** L2266503

Project Number: B0495-022-001 **Report Date:** 12/12/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1718707-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	12/02/22 16:30	12/02/22 18:49	125,7.3	TMS
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1718712-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	12/02/22 16:30	12/02/22 19:39	125,7.3	TMS

Lab Control Sample Analysis

Batch Quality Control

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001

Lab Number: L2266503
Report Date: 12/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1718707-2								
Sulfide, Reactive	98		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1718712-2								
Cyanide, Reactive	85		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1720794-1								
pH	100		-		99-101	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001

Lab Number: L2266503
Report Date: 12/12/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1717060-1 QC Sample: L2266393-01 Client ID: DUP Sample						
Solids, Total	87.6	86.3	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1718707-3 QC Sample: L2266817-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1718712-3 QC Sample: L2266817-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1720794-2 QC Sample: L2268126-01 Client ID: DUP Sample						
pH	9.3	9.0	SU	3		5

Serial_No:12122215:02

Project Name: 555 ELK ST-GEOTECH BORINGS
Project Number: B0495-022-001

Lab Number: L2266503
Report Date: 12/12/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2266503-01A	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		TCLP-EXT-ZHE(14)
L2266503-01B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		IGNIT-1030(14),REACTS(14),TS(7),PH-9045(1),REACTCN(14),NYTCL-8082(365)
L2266503-01C	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		IGNIT-1030(14),REACTS(14),TS(7),PH-9045(1),REACTCN(14),NYTCL-8082(365)
L2266503-01D	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		IGNIT-1030(14),REACTS(14),TS(7),PH-9045(1),REACTCN(14),NYTCL-8082(365)
L2266503-01E	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		IGNIT-1030(14),REACTS(14),TS(7),PH-9045(1),REACTCN(14),NYTCL-8082(365)
L2266503-01W	Amber 1000ml unpreserved Extracts	A	NA		2.4	Y	Absent		TCLP-8270(14),PEST-TCLP*(14),HERB-TCLP*(14)
L2266503-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.4	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2266503-01X9	Tumble Vessel	A	NA		2.4	Y	Absent		-
L2266503-01Y	Vial unpreserved Extracts	A	NA		2.4	Y	Absent		TCLP-VOA(14)
L2266503-01Z	Vial unpreserved Extracts	A	NA		2.4	Y	Absent		TCLP-VOA(14)

*Values in parentheses indicate holding time in days

Project Name:	555 ELK ST-GEOTECH BORINGS	**Lab Number:**	L2266503
Project Number:	B0495-022-001	**Report Date:**	12/12/22

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	555 ELK ST-GEOTECH BORINGS	**Lab Number:**	L2266503
Project Number:	B0495-022-001	**Report Date:**	12/12/22

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	555 ELK ST-GEOTECH BORINGS	**Lab Number:**	L2266503
Project Number:	B0495-022-001	**Report Date:**	12/12/22

Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	555 ELK ST-GEOTECH BORINGS	**Lab Number:**	L2266503
Project Number:	B0495-022-001	**Report Date:**	12/12/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D.**

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Serial_No:12122215:02

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 11/29/22

ALPHA Job #: L2266503

Client Information

Client: Benchmark ENV

Address: 2558 Hamburg Turnpike, Buffalo, NY 14218

Phone: 716-856-0599

Fax:

Email: MikeL@BenchmarkEnv.com

Project Information

Project Name: 555 ELK ST - GROUNDWATER

Project Location: 555 ELK ST

Project #: B0495-022-001

(Use Project name as Project #) ☐

Project Manager: Mike Laskawski

ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:

Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☐ ASP-B

☐ EQuIS (1 File) ☐ EQuIS (4 File)

☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375

☐ AWQ Standards ☐ NY CP-51

☐ NY Restricted Use ☐ Other

☐ NY Unrestricted Use

☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info

PO#

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:

☐ NJ ☐ NY

☐ Other:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	TCL metals	PUAS	TCL pest (HCS)	pH Reactivity & Ignitability			
66503-01	GeoTech - WASTE Other	11/23/22	1200	Soil	RLD	✓	✓	✓	✓	✓				
Container Type						A	A	A	A	A				
Preservative						A	A	A	A	A				

Sample Filtration

☐ Done

☐ Lab to do

Preservation

☐ Lab to do

(Please Specify below)

Sample Specific Comments

Total Bottles

Preservative Codes:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	11/23/22 1220	AAL	11/23/22 1615
AAL	11/28/22 1700		11/29/22 0730

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	800-535-5053	57485

GENERATOR

5. Generator's Name and Mailing Address

ShotClub Social Buffalo, LLC
19 Elm Street, First Floor
Buffalo, NY 14203
Generator's Phone: 716-345-6709

Generator's Site Address (if different than mailing address)

ShotClub Social Buffalo, LLC
503 Elk Street
Buffalo, NY 14210

6. Transporter 1 Company Name: Environmental Service Group, Inc 716.695.6720 — U.S. EPA ID Number: NYD986903904

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Chaffee Landfill
10860 Olean Road
Chaffee, NY 14030
Facility's Phone: 716-496-5000

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA Non DOT Regulated, (Soil Cuttings)	005	DM	3000	P	ESJ
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

ERG:	Approval #:	Handling Codes:	24 Hour Emergency Contact:
1 -	1 - 127520NY	1 - None	INFOTRAC (Caller Must ID ESG)
2 -	2 -	2 -	
3 -	3 -	3 -	
4 -	4 -	4 -	

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Andrew Tanik on behalf of ShotClub Social — Signature: on behalf of ShotClub Social — Month 11 Day 05 Year 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JVM FRED ESON — Signature — Month 11 Day 05 Year 24

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a 801070

Printed/Typed Name: Justin Chapman — Signature — Month 11 Day 13 Year 24

DESIGNATED FACILITY TO GENERATOR