2024 Periodic Review Report

(Reporting Period: September 15, 2023, to September 15, 2024)

Location:

Franczyk Park
550 and 564 New Babcock Street
City of Buffalo, New York, 14206
NYSDEC Site No. B00174-9

Prepared for:

City of Buffalo
Office of Strategic Planning
Division of Environmental Affairs
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Buffalo, New York 14202

LaBella Project No. 2233132

October 15, 2024 (Revised November 7, 2024)

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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 the Franczyk Park Site located at 550 and 564 Babcock Street in the City of Buffalo, Erie County, New York (hereafter referred to as the "Site"). This PRR was prepared on behalf of the City of Buffalo to summarize the post remedial status of the New York State Department of Environmental Conservation (NYSDE) Environmental Restoration Program (ERP) Site No. B00174. This PRR and associated Institutional and Engineering Controls (IC/EC) Certification Form have been completed for the post-remedial activities at the Site for the reporting period from September 15, 2023 to September 15, 2024.

1.1 Site Summary

The Site is a public park composed of two adjoining parcels totaling approximately 15.49 acres, located at 550 and 564 New Babcock Street in the City of Buffalo, Erie County, New York. The Site is bound by Lyman Street to the north, Fleming Street to the south, New Babcock Street to the east, and Lewis Street to the west. The Site area is characterized as a mixture of commercial, industrial, and residential.

The City of Buffalo entered into a State Assistance Contract (SAC) with the NYSDEC to complete a Site Investigation/Remedial Alternatives Report (SI/RAR) for the Site. The Site Investigation, performed in the fall of 2003 and the spring of 2004, identified contaminated subsurface soil/fill throughout the Site as well as a minor amount of contaminated surface soil/fill in some high traffic areas. Following the completion of the SI, an SI/RAR was prepared. Based on the SI/RAR, a Proposed Remedial Action Plan (PRAP) was prepared. The PRAP was finalized in the March 2005 Record of Decision (ROD) following receipt of public input. A Remedial Action Work Plan (RAWP) was prepared in March 2006 to describe the specific remedial activities that were propose for the Site. December 2006, the City of Buffalo entered into an agreement with a contractor to implement the RAWP. The remedial activities completed at the Site included excavation and off-Site disposal of two hazardous contaminated soil/fill areas, installation of a groundwater interceptor trench along Fleming Street, demolition and replacement of all athletic facilities and the playground to facilitate the installation of the cover system, augmentation of the existing cover soil to achieve a minimum 24-inch cover thickness over all "active" areas of the Site, and a minimum of 12 inches over all "passive" areas, and covering non-vegetated areas by a paving system of asphalt or concrete of at least six inches in thickness.

On June 15, 2016, a Certificate of Completion was issued by the NYSDEC indicating approval of the Final Engineering Report and satisfactory completion of the remediation phase of the environmental restoration project.

Subsequent completion of the remedial work, some contamination remained in the subsurface of the Site, referred to as "remaining contamination." A SMP was prepared to manage remaining contamination at the Site until the Environmental Easement is extinguished in accordance with ECL Article 71, Title 36. The SMP addresses the means for implementing the ICs and ECs that are required by the Environmental Easement for the Site.

1.2 Effectiveness of Remedial Program

Based on a recent inspection of the Site, the Site cover system and the groundwater interceptor trench system are intact and functioning as designed on the Site. Additionally, the groundwater sampling results indicate limited semi-volatile organic compounds (SVOCs) and metals were detected in the groundwater samples collected in September 2024 at concentrations exceeding NYSDEC standards.

1.3 Non-Compliance

Areas of non-compliance regarding the major elements of the SMP were not identified during 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 or the frequency of PRR submissions are recommended at this time.

2.0 SITE OVERVIEW

The Site is a public park encompasses approximately 15.49-acre area and is located at 550 and 564 Babcock Street in the City of Buffalo, Erie County, New York (see Figure 1). As shown in Figure 2, the Site is bounded by Lyman Street to the north, Fleming Street to the south, New Babcock Street to the east, and Lewis Street to the west. Figure 2 depicts the Site boundaries overlain on a current aerial image.

2.1 Site Background

The Site was first developed by Buffalo Fertilizing Chemicals Works, (L.L. Crocker) as an agricultural fertilizer manufacturing facility. These manufacturing operations lasted almost a century while the facility underwent a number of name changes during its tenure as a fertilizer manufacturing facility. The parcel adjoining the northwest corner of the Site was sold to the Thaddeus Joseph Dulski Community Center, Inc. in 1975. The following year, the remainder of the Site was sold to the Industrial Refining Corporation and then to Car Salvage World in 1977. The Site was used as an automobile junk yard in the final years until Car Salvage World went Bankrupt in 1981. The Brondy Real Estate Co. acquired the Site and later sold it to the City of Buffalo in 1984. The City of Buffalo redeveloped the Site into a park in 1987.

3.0 EFFECTIVENESS OF THE REMEDIAL PROGRAM

As detailed below in Section 5.1.1, the Site cover system, groundwater interceptor trench, and groundwater monitoring wells were inspected during the annual periodic review conducted September 4, 2024. Additionally, annual groundwater samples were collected and submitted for laboratory analysis from four on-Site groundwater monitoring wells on September 4, 2024. Based on this inspection, the engineering controls are generally intact and functioning effectively; the cover system and groundwater interceptor trench system are intact and functioning effectively throughout the Site.

4.0 INSTITUTIONAL/ENGINEERING CONTROLS (IC/EC)

4.1 Institutional Control Requirements and Compliance

In accordance with the SMP, a series of Institutional Controls (ICs) have been established for the Site in the form of Site restrictions. Adherence to these ICs is required by the Environmental Easement and implemented under the SMP. The ICs include the following:

- Compliance with the Environmental Easement and the SMP by Owner and the Owner's successors and assigns;
- All Engineering Controls (ECs) must be operated and maintained as specified in the SMP;
- All ECs on the Site must be inspected at a frequency and in a manner defined in the SMP;
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
- Data and information pertinent to site management of the Site must be reported at the frequency and in a manner defined in the SMP; and
- On-site environmental monitoring devices, including but not limited to, groundwater monitoring wells, must be protected and replaced as necessary to ensure the devices function in the manner specified in the SMP.

ICs identified in the Environmental Easement may not be discontinued without an amendment to or extinguishment of the Environmental Easement. The Site has a series of ICs in the form of restrictions. Site restrictions that apply are as follows:

- The Site may only be used for public park use provided that the long-term ECs and ICs included in the SMP are employed;
- The Site may not be used for a higher level of use, such as unrestricted use without additional remediation and amendment of the Environmental Easement;
- All future activities on the Site that will disturb the cover system and/or remaining contaminated material must be conducted in accordance with the SMP;
- The use of groundwater underlying the Site is prohibited without treatment rendering it safe for intended use;
- Vegetable gardens and farming on the Site are prohibited; and
- The owner of the Site is required to provide an IC/EC certification, prepared and submitted by a professional engineer or environmental professional acceptable to the NYSDEC annually or for a period to be approved by the NYSDEC, which will certify that the ICs and ECs put in place are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC, and, nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP.

LaBella has concluded that the ICs are in force and are being adhered to with respect to the condition and use of the Sites and activities conducted thereon.

4.2 Engineering Control Requirements and Compliance

4.2.1 Site Cover System

Exposure to the remaining contamination in soil/fill at the Site is prevented by cover systems placed over the Site. The cover system is comprised of a minimum of 24 inches of clean soil cover, or a combination of asphalt or concrete pavement and clean soil cover that is a minimum 24 inches thick over all "active" areas of the Site, and a minimum of 12 inches over all "passive" areas. Figure 9 from the Site SMP, included in the Figures Appendix, depicts the post-construction cover thicknesses across the Site. The cover system is a permanent control and quality, and integrity of this system is inspected on an annual basis. The frequency of inspections will not change without the prior approval of the NYSDEC.

The final cover system shall be observed by traversing the cover on foot and making appropriate observations, notes, and photographic records. The overall integrity of the final cover system on the Site will be assessed during inspections. The following characteristics shall be inspected during the observation of the cover system:

- Sloughing of slopes;
- Large cracks in the soil or paved cover surface;
- Settlement of the cover system;
- Erosion;
- Distressed vegetation/turf;
- Damaged to park access controls; or
- Vehicular rutting

Repairs will be performed at all areas exhibiting deficiencies or potential problems. Remedies for deficiencies are described in the SMP.

4.2.2 Interceptor Trench System

Exposure to remaining contamination in groundwater at the Site is prevented by a groundwater interceptor trench installed along Fleming Street and Lewis Street. The groundwater interceptor trench is located along the downgradient boundary of the Site, parallel to Fleming Street and Lewis Street. A groundwater interceptor trench was also installed in between the northwestern playground and the Dulski Community Center to the north and connected to the existing interceptor trench along Lewis Street. Groundwater collected in the trench system is conveyed to the Buffalo Sewer Authority sewer system. The interceptor trench system is a permanent control, and the quality and integrity of this system is inspected on an annual basis.

5.0 SITE MONITORING PLAN

5.1 Site Inspection and Certification

This PRR provides the information necessary to document the IC/EC certification. The certification primarily consists of a Site inspection to complete the NYSDEC "Site Management Periodic Review Report Notice-Institutional and Engineering Controls Certification Form" and confirm the IC/ECs:

- Are in place, performing properly, and remain effective;
- Nothing has occurred that would impair the ability of the controls to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with the SMP for such controls; and
- That access is available to the Site to evaluate continued maintenance of such controls.

The Site inspection includes the inspection of the following components in accordance with the SMP.

- Final cover system;
- Interceptor trench;
- Site access controls; and
- Site monitoring wells

5.1.1 Site-Wide Inspection

Annual site-wide inspections along with annual monitoring of the performance of the remedy is conducted for the first 30 years post completion. An annual inspection was conducted by LaBella on September 4, 2024, which included traversing the Site on foot to observe current conditions. The Site is developed with a park, including vegetated soil cover at the ground surface, baseball diamonds, basketball courts, soccer fields, a playground area, and asphalt pedestrian/bicycle trails and parking areas. Areas of active and passive uses at the Site remain consistent. At the time of the Site inspection the cover systems were observed to be generally in good condition, intact, and functioning as intended. Placement of additional woodchips in the playground area was not observed to be necessary at the time of the site inspection. The fencing along the north portion of the park was generally observed to be intact and functioning as intended. The interceptor trench appeared to be in good condition and functioning as intended. Additionally, the Site monitoring wells were observed to be in good condition. The Site Inspection Form is included in Appendix 1. Appendix 2 includes photographs taking during the Site Inspection.

5.1.2 IC/EC Certification

No excavations, change of use, or groundwater use has occurred at the Site during the Certifying Period. Limited imported soil occurred during the Certifying Period associated with the placement of infield clay product on the baseball diamonds. The infield clay product import is further discussed in Section 6 below. The NYSDEC's 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."

5.2 Groundwater Monitoring

The SMP specifies that groundwater sampling shall be performed at four down-gradient monitoring wells (MW-03, MW-05R, MW-07, and MW-08) on an annual basis and include analysis of Target Compound List (TCL) SVOCs and Target Analyte List (TAL) metals. Sampling of the monitoring wells is to be conducted using low-flow sampling procedures. Trends in contaminant levels in groundwater are evaluated to determine if the remedy continues to be effective in achieving remedial goals.

5.2.1 Groundwater Monitoring Procedures

The annual groundwater monitoring activities were performed in general accordance with the SMP and included the following.

- Measure depth of groundwater from the top of the well riser to determine groundwater elevations for the sampled groundwater monitoring wells;
- Collection of groundwater samples from monitoring wells MW-03, MW-05R, MW-07, and MW-08 using low-flow sampling techniques.
- Record field parameters (pH, oxidation-reduction potential, temperature, turbidity, and specific conductivity) at each monitoring well during the low-flow sampling;
- Submit groundwater samples for laboratory analysis for TCL SVOCs and TAL Metals to Alpha Analytical, a New York State Department of Health (NYSDEC) environmental laboratory approval program (ELAP)-certified laboratory;
- Inspection and documentation of the structural integrity of the monitoring wells; and
- Containerize groundwater generated during the sampling was discharged to the groundwater interceptor trench collection system located along Fleming Street.

Field measurements are summarized in Table 1 and groundwater elevations are presented in Table 2. Additionally, groundwater monitoring well low-flow sampling logs are included in Appendix 1.

5.2.2 Groundwater Monitoring Results

During sample collection on September 4, 2024, a small quantity of a floating semi-clear slimy material with a rotten odor was observed on the groundwater in MW-07. The material appeared to be organic in nature. This material was also observed in MW-07 in the 2023 monitoring event. It should be noted that significantly less of the material was observed during this monitoring event compared to 2023.

The analytical results for the groundwater samples are summarized on Table 3. The laboratory analytical results are compared to NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (AWQS) dated June 1998.

SVOCs were detected in the groundwater samples collected and submitted for laboratory analysis in all four monitoring wells. SVOCs detected at concentrations above NYSDEC TOGS 1.1.1 AWQS were identified in MW-08 only and are listed below.

- MW-08: Benz(a)anthracene, Benz(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Indeno(1,2,3-cd)pyrene and Chrysene

Metals were detected in all four of the groundwater samples with three or more parameters detected at concentrations exceeding NYSDEC TOGS 1.1.1 AWQS in each sample. Parameters detected in groundwater samples at concentrations exceeding NYSDEC TOGS 1.1.1 AWQS are listed below.

- MW-03: Beryllium, Chromium, Iron, Magnesium, Manganese, Selenium and Sodium
- MW-05R: Iron, Magnesium, and Sodium
- MW-07: Iron, Magnesium, Manganese, and Sodium

- MW-08: Arsenic, Iron, Lead, Magnesium, and Manganese

Historical metals parameter concentration trends are plotted for each monitoring well on graphs included in Appendix 6. The laboratory analytical reports are included in Appendix 4.

The groundwater elevations within each monitoring well were measured prior to sampling and groundwater contours are depicted on Figure 3.

5.2.3 Data Usability Summary Report

DATAVAL, Inc. completed the third-party data validation of the groundwater sample analytical results. The Data Usability Summary Report (DUSR) prepared by DATAVAL, Inc. is included in Appendix 5. The data validator indicated the results for the samples are considered technically defensible and completely usable in its present form. Some data has been qualified as usable estimations by the third-party validator and have been flagged accordingly on Table 3.

6.0 IMPORTED SOIL/FILL MATERIAL

During the reporting period infield clay material was imported to the Site to supplement the in-place infield clay as part of routine maintenance for the baseball diamonds and to maintain and protect the Site cover system. Approximately 50 cubic yards of Mar-Co 15 Series Mix Infield Clay was imported to the Site and spread across the baseball diamond infields. The Mar-Co Infield Clay is a commercially available product purchased through Lakeside Sod Supply Co. Inc., in Clarence, New York. Samples were collected from the material and submitted for Part 375 laboratory analysis including a grab sample for volatile organic compounds (VOCs) and a composite sample for SVOCs, metals, polychlorinated biphenyls (PCBs), pesticides, as well as per- and polyfluoroalkyl substances (PFAS). The Request to Import Soil/Fill Form, an analytical summary table, the laboratory analytical report, and the NYSDEC approval letter are included in Appendix 7.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Annual inspection of the Site was performed on September 4, 2024, by LaBella Associates, DPC as prescribed in the SMP. As a result of this inspection, LaBella has determined that the Site is in compliance with the elements of the SMP.

As reflected by the signed Institutional and Engineering Controls Certification Form (Appendix 3), LaBella has concluded that:

- The required EC/ICs are in place, are performing properly, and remain effective;
- The SMP is being implemented; and
- The remedy continues to be protective of public health and the environment.

Based on the results of the annual groundwater monitoring, limited SVOCs were detected in MW-08 at concentrations exceeding NYSDEC TOGS 1.1.1 AWQS. Metals parameters exceeding NYSDEC TOGS 1.1.1 AWQS were identified in each groundwater sample analyzed. The SMP for the Site indicates that antimony, arsenic, beryllium, lead, nickel, and selenium were previously identified in Site groundwater at concentrations exceeding NYSDEC TOGS 1.1.1 AWQS. Of these parameters only beryllium and selenium in MW-03, and arsenic and lead in MW-08 were detected at concentrations

exceeding NYSDEC TOGS 1.1.1 AWQS in the groundwater samples collected during this reporting period. Additional metals parameters including chromium, iron, magnesium, manganese, and sodium were detected in one or more of the groundwater samples during this reporting period at concentrations exceeding NYSDEC TOGS 1.1.1 AWQS. The SMP indicates that iron, magnesium, manganese, and sodium were previously detected at the Site at concentrations exceeding NYSDEC TOGS 1.1.1 AWQS and are commonly encountered in uncontaminated, natural environmental and are associated with groundwater aesthetics rather than toxicity.

LaBella recommends the following:

- No changes to the inspection, reporting or certification frequency prescribed for the Site; and
- Groundwater monitoring should continue to be performed annually.

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 inspection. 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 expect 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 the City of Buffalo. Any reliance on this report by a third party is at such party's sole risk.

9.0 REFERENCES

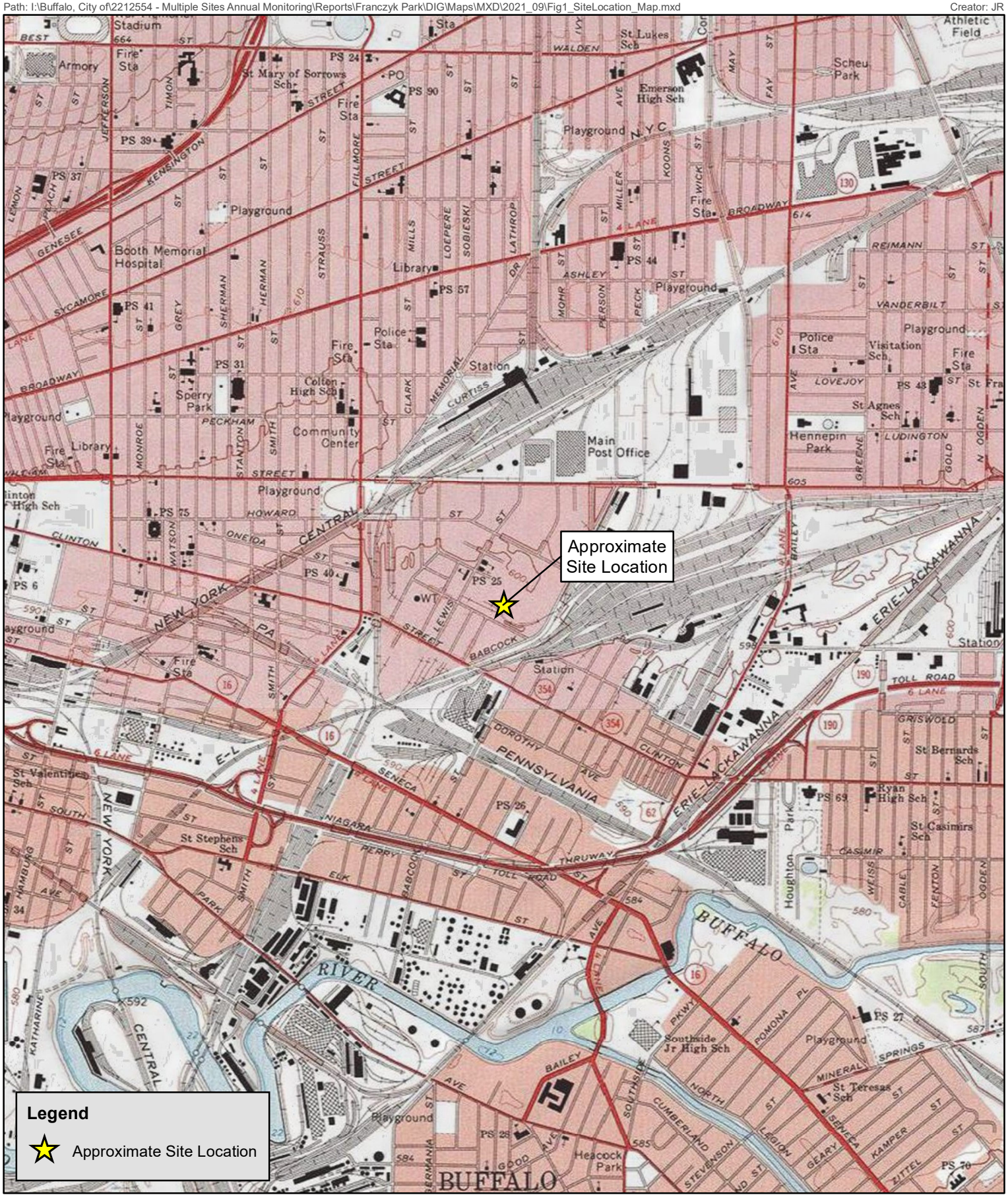
DER-10/Technical Guidance for Site Investigation and Remediation, NYSDEC, May 3, 2010

Site Management Plan, Franczyk Park Site Erie County, New York; KHEOPS Architecture, Engineering & Survey, DPC, Februruay 2015

FIGURES

Path: I:\Buffalo, City of\2212554 - Multiple Sites Annual Monitoring\Reports\Franczyk Park\DIG\Maps\MXD\2021_09\Fig1_SiteLocation_Map.mxd

Creator: JR



PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2243532 **Figure 1** 10/14/2024	Site Location Map	2024 Periodic Review Report 550 & 564 New Babcock Street, Buffalo, New York NYSDEC Site No. B00174-9

LaBella Powered by partnership.

Data Source: Erie County 2020; LaBella 2021; USGS, National Geographic, i-cubed 2019.

Path: I:\Buffalo, City of\2212554 - Multiple Sites Annual Monitoring\Reports\Franczyk Park\DIG\Maps\MXD\2021_09\Fig2_SiteInvestigation_Map.mxd

Creator: EG

PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2243532 **Figure 2** 10/14/2024	Site Map	2024 Periodic Review Report 550 & 564 New Babcock Street, Buffalo, New York NYSDEC Site No. B00174-9

N

0 50 100 Feet

LaBella Powered by partnership.

Data Source: Bing Maps; Erie County 2020; LaBella 2021.

PROJECT # / DRAWING # / DATE:
2243532
Figure 3
10/15/2024

DRAWING NAME:
Groundwater Contours Map

PROJECT:
2024 Periodic Review Report
550 & 564 New Babcock Street, Buffalo, New York
NYSDEC Site No. B00174-9

N
0 100 200 Feet

LaBella
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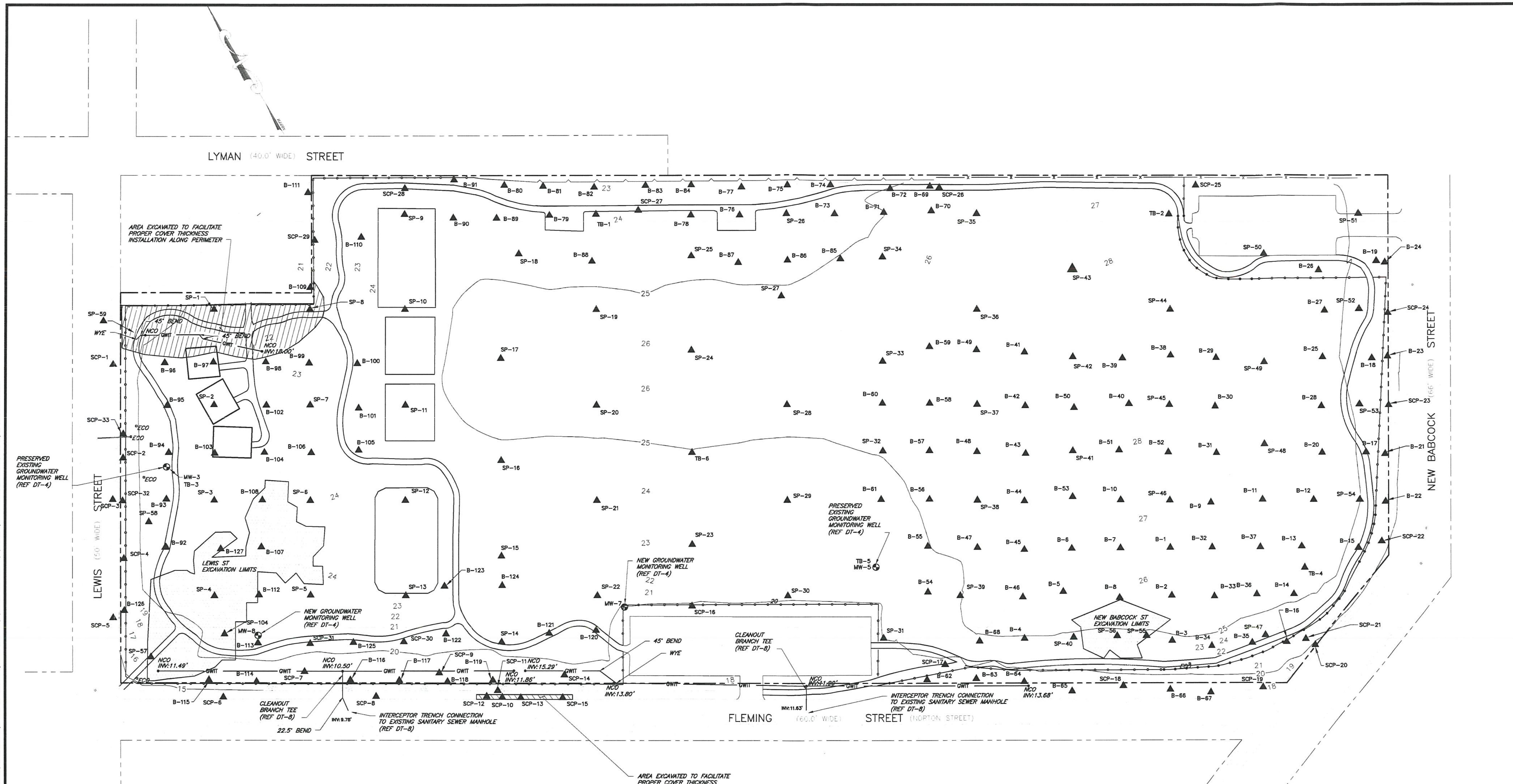
Data Source: Bing Maps; Erie County, 2020; LaBella, 2023.


LYMAN (40.0' WIDE) STREET
LEWIS (50' WIDE) STREET
NEW BABCOCK (66' WIDE) STREET
FLEMING (60.0' WIDE) STREET (NORTON STREET)
AREA EXCAVATED TO FACILITATE PROPER COVER THICKNESS INSTALLATION ALONG PERIMETER
PRESERVED EXISTING GROUNDWATER MONITORING WELL (REF DT-4)
NEW GROUNDWATER MONITORING WELL (REF DT-4)
LEWIS ST EXCAVATION LIMITS
NEW BABCOCK ST EXCAVATION LIMITS
CLEANOUT BRANCH TEE (REF DT-8)
INTERCEPTOR TRENCH CONNECTION TO EXISTING SANITARY SEWER MANHOLE (REF DT-8)
22.5' BEND
45' BEND
WYE
NCO INV:11.49'
NCO INV:10.50'
NCO INV:11.86'
NCO INV:15.29'
NCO INV:13.80'
NCO INV:11.90'
NCO INV:13.68'
NCO INV:18.00'
INV:9.78'
INV:11.63'
MW-3 TB-3
TB-5 MW-5
MW-7
MW-8

LEGEND

Symbol	Description
—— GWIT ——	GROUNDWATER INTERCEPTOR TRENCH PIPE (REF DT-1)
	EXISTING GROUNDWATER INTERCEPTOR TRENCH (INSTALLED IN 2000)
N(E)CO	NEW (EXISTING) INTERCEPTOR TRENCH CLEANOUT (REF DT-1 AND DT-4)
▲	SOIL PROBE/TEST BORE LOCATION
⊕	GROUNDWATER MONITROING WELL
□	HAZARDOUS SOIL EXCAVATION
—o—o—	WIRE ROPE PERIMETER FENCE (REF DT-4)
—x—	CHAIN LINK FENCE (REF DT-2)
— 25 —	MAJOR CONTOUR
24	MINOR CONTOUR
— — —	PROPERTY LINE
▬ ▬ ▬	FRANCZYK PARK PROPERTY LINE

NOTES:
"ACTIVE" AREAS OF THE SITE ARE DEFINED AS AREAS LOCATED INSIDE THE WIRE ROPE PERIMETER FENCE. "PASSIVE" AREAS OF THE SITE ARE DEFINED AS AREAS LOCATED OUTSIDE THE WIRE ROPE PERIMETER FENCE.

LOCATION OF THE GROUNDWATER INTERCEPTOR TRENCH INSTALLED IN 2000 IS APPROXIMATE. REFERENCE ACRES INTERNATIONAL CORP. AVG 2001 CONSTRUCTION CLOSEOUT REPORT FOR FURTHER DETAILS.

Depth of Cover	
Boring Number	As-Built Total Thickness
SP-2	3.21
SP-3	3.97
SP-4	3.15
SP-5	4.04
SP-6	3.73
SP-7	2.55
SP-9	6.65
SP-10	4.99
SP-11	3.30
SP-12	2.32
SP-13	5.20
SP-14	2.71
SP-15	2.74
SP-16	3.11
SP-17	3.86
SP-18	4.50
SP-19	3.88
SP-20	4.53
SP-21	5.19
SP-22	2.87
SP-23	4.24
SP-24	4.76
SP-25	4.19
SP-26	2.69
SP-27	4.54
SP-28	4.48
SP-29	3.60

Depth of Cover	
Boring Number	As-Built Total Thickness
SP-30	4.08
SP-31	1.93
SP-32	2.61
SP-33	3.64
SP-34	3.32
SP-35	7.00
SP-36	6.57
SP-37	2.25
SP-38	2.76
SP-39	2.21
SP-40	2.46
SP-41	3.19
SP-42	3.60
SP-43	7.39
SP-44	4.98
SP-45	2.26
SP-46	3.77
SP-47	2.37
SP-48	3.76
SP-49	3.09
SP-50	5.13
SP-51	2.56
SP-52	3.24
SP-53	3.74
SP-54	2.14
SP-58	3.14
TB-01	3.00

Depth of Cover	
Boring Number	As-Built Total Thickness
TB-02	5.84
TB-03	3.88
TB-04	3.28
TB-05	2.41
TB-06	5.80
SCP-7	3.07
SCP-9	3.21
SCP-14	2.17
SCP-17	4.79
SCP-21	2.13
SCP-25	3.18
SCP-26	3.32
SCP-27	3.12
SCP-28	4.51
SCP-29	3.30
SCP-30	3.21
SCP-31	2.53
B1	3.58
B2	2.94
B3	2.58
B4	2.87
B5	2.11
B6	2.95
B7	3.16
B8	2.44

Depth of Cover	
Boring Number	As-Built Total Thickness
B9	4.51
B10	3.76
B11	2.78
B12	2.45
B13	2.11
B14	2.95
B15	2.85
B16	2.68
B17	2.99
B18	2.04
B19	2.28
B20	2.93
B21	2.51
B22	2.91
B23	2.25
B24	2.11
B25	2.58
B26	3.05
B27	2.88
B28	2.81
B29	3.15
B30	2.77
B31	2.97
B32	4.62
B33	4.87
B34	3.36
B35	2.18

Depth of Cover	
Boring Number	As-Built Total Thickness
B36	3.34
B37	3.40
B38	2.79
B39	2.84
B40	3.03
B41	2.50
B42	3.51
B43	2.78
B44	3.47
B45	3.06
B46	2.68
B47	3.68
B48	3.23
B49	2.33
B50	3.26
B51	3.43
B52	3.81
B53	4.19
B54	2.60
B55	4.14
B56	3.59
B57	2.83
B58	2.14
B59	2.64
B60	2.41
B61	2.41
B62	2.79

Depth of Cover	
Boring Number	As-Built Total Thickness
B63	3.44
B64	2.82
B65	2.49
B66	2.50
B67	2.23
B68	3.62
B69	1.83
B70	2.24
B71	2.28
B72	2.65
B73	2.13
B74	2.35
B75	2.15
B76	2.93
B77	2.05
B78	2.75
B79	3.10
B80	2.21
B81	2.19
B82	2.31
B83	2.07
B84	2.18
B85	4.11
B86	3.83
B87	3.45
B88	3.05
B89	2.17

Depth of Cover	
Boring Number	As-Built Total Thickness
B90	2.37
B91	2.31
B92	2.77
B93	2.53
B94	2.62
B95	2.37
B96	2.63
B97	2.99
B98	3.02
B99	2.88
B100	2.27
B101	2.48
B102	3.26
B103	3.09
B104	2.78
B105	2.41
B106	3.45
B110	2.77
B113	2.99
B114	2.06
B115	3.68
B116	4.08
B117	2.38
B118	2.73
B119	2.36
B120	2.24
B121	2.51

Depth of Cover	
Boring Number	As-Built Total Thickness
B122	4.32
B123	2.86
B124	2.87
B125	3.21
B126	2.26
*Areas below are located within excavated areas that contain a minimum of 2' of clean backfill and are concidered "Active Park Areas"	
SP-1	2.00
SP-8	2.00
SP-55	2.00
SP-56	2.00
SP-57	2.00
SP-59	2.00
SP-104	2.00
B107	2.00
B108	2.00
B112	2.00
B127	2.00
*Areas below are located outside of the perimeter fence where only 1' of cover is required and are concidered "Passive Park Areas"	
SCP-1	
SCP-2	1.39
SCP-3	
SCP-4	1.88
SCP-5	
SCP-6	

Depth of Cover	
Boring Number	As-Built Total Thickness
SCP-8	
SCP-10	
SCP-11	
SCP-12	
SCP-13	
SCP-15	
SCP-16	1.03
SCP-18	
SCP-19	
SCP-20	1.12
SCP-22	2.13
SCP-23	1.64
SCP-24	1.40
SCP-32	1.55
SCP-33	2.78
B109	2.22
B111	1.61
** SCP-10 and SCP-13 were in the area where existing soil was excavated and replaced with 1' of clean cover Ref. to Fig. 5	

RECORD DRAWING
DATE FEB. 2011

REV	DESCRIPTION	DATE	BY
1	REVISED TO REFLECT INSTALLATION OF GROUNDWATER INTERCEPTOR TRENCH SOUTH OF THE DULSKI COMMUNITY CENTER	1/19/11	ATB
2	REVISED TO REFLECT NYSDEC COMMENTS	10/26/11	ATB

NOTE: UNAUTHORIZED ALTERATION OR ADDITION TO ANY SURVEY, DRAWING, DESIGN SPECIFICATION PLAN OR REPORT IS A VIOLATION OF SECTION 7209 PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

Designed by: M. FINN	Date: JANUARY 2009
Drawn by: T. O'DONOGHUE	Job No. 2003.0125.01
Checked by: T. RIED	Drawing File No.
Dwg Scale: Horiz: AS NOTED Vert: NA	File Name: 081209_FRANCZYK.DWG

KHEOPS Architecture, Engineering & Survey, DPC
300 Pearl Street, Suite 100
Buffalo, New York 14202
P. 716.849.8739
F. 716.856.0981
WWW.KHEOPSDPC.COM

CITY OF BUFFALO NEW YORK

REMEDIATION RECORD DRAWING
FRANCZYK PARK
564 BABCOCK STREET
CITY OF BUFFALO
ERIE COUNTY, NEW YORK

SHEET REFERENCE NUMBER:
FIG-9

File: N:\Restored\0030125 - Franczyk Park\13Survey\2003.0125.00 franczyk park\Engineering\CADD\081208_Final As-built\081209_Franczyk Final As-Built-K.dwg, Last saved: 10/1/2015, Plot Date: 10/1/2015, By: PETRANCHUK, TIMOTHY, Plot Style: FULL-BLACK.CTB

LaBella
Powered by partnership.

TABLES

TABLE 1
SUMMARY OF FIELD MEASUREMENTS
2023-2024 PERIODIC REVIEW REPORT
FRANCZYK PARK
CITY OF BUFFALO, NEW YORK

Location	Sampling Date	Sampling Time	Temp (°C)	pH (units)	Eh (MV)	Conductance $(ms/cm)^2$	Turbidity (NTU)	Diss. Oxygen (mg/L)	Sample Appearance
MW-03	9/4/2024	10:35	16.18	4.47	51	9.5	46.3	0	Clear, colorless
MW-05R	9/4/2024	12:00	19.68	7.59	-97	0.625	27.6	2.49	Clear, colorless
MW-07	9/4/2024	11:15	19.43	7.13	-92	2.67	37.56	3.10	Small quantity of slime material
MW-08	9/4/2024	10:00	19.12	7.05	-71	3.07	9.58	9.17	Clear, colorless

Notes:
NS - Not Sampled
NM - Not Measured (meter malfunction)

TABLE 2
GROUNDWATER ELEVATIONS
2023-2024 PERIODIC REVIEW REPORT
FRANCZYK PARK
CITY OF BUFFALO, NEW YORK

Well Identification	Top of Casing Elevation[(1)]	Depth to Bottom[(1)(3)]	Depth to Water[(2)]	Water Level Elevation
MW-03	597.30	16.1	5.82	591.48
MW-05R	595.12	11.9	3.23	591.89
MW-07	595.48	7.8	3.87	591.61
MW-08	597.14	7.8	4.75	592.39

Notes:
(1) Feet Above Mean Sea Level (AMSL). Casing elevation obtained via Eos Positioning System, Inc., Arrow Gold RTK GNSS GPS Unit
(2) Feet below top of casing
(3) Depth to bottom measured at time of sample collection
NM - Not Measured, well was not located

TABLE 3
SUMMARY OF ANNUAL GROUNDWATER SAMPLE ANALYTICAL RESULTS
FRANCZYK PARK 2023-2024 PRR
CITY OF BUFFALO, NEW YORK
(Detected Analytes Only)

MONITORING LOCATIONS	MW-03	MW-05R	MW-07	MW-08	NYSDEC TOGS 1.1.1 AWQS
Collection Date	9/4/2024	9/4/2024	9/4/2024	9/4/2024	
Semi-Volatile Organic Compounds (µg/L)					
Phenol	3.5 J	1.1 J	6.8	2.2 J	NS
3-Methylphenol/4-Methylphenol	9.1	<	<	< UJ	NS
Naphthalene	0.07 J	< UJ	< UJ	< UJ	13
Fluorene	0.04 J	< UJ	< UJ	0.05 J	50
Phenanthrene	0.09 J	< UJ	< UJ	0.3 J	50
Bis(2-ethylhexyl)phthalate	<	<	<	2.0 J	5
Acenaphthene	< UJ	< UJ	< UJ	0.11 J	20
Fluoranthene	< UJ	< UJ	< UJ	0.72 J	50
Benzo(a)anthracene	< UJ	< UJ	< UJ	0.32 J	0.002
Benzo(a)pyrene	< UJ	< UJ	< UJ	0.41 J	ND
Benzo(b)fluoranthene	< UJ	< UJ	< UJ	0.53 J	0.002
Benzo(k)fluoranthene	< UJ	< UJ	< UJ	0.22 J	0.002
Acenaphthylene	< UJ	< UJ	< UJ	0.04 J	NS
Chrysene	< UJ	< UJ	< UJ	0.28 J	0.002
Anthracene	< UJ	< UJ	< UJ	0.09 J	50
Benzo(ghi)perylene	< UJ	< UJ	< UJ	0.34 J	NS
Dibenzo(a,h)anthracene	< UJ	< UJ	< UJ	0.08 J	NS
Indeno(1,2,3-cd)pyrene	< UJ	< UJ	< UJ	0.32 J	0.002
Pyrene	< UJ	< UJ	< UJ	0.59 J	50
Hexachlorobenzene	< UJ	< UJ	< UJ	0.02 J	0.04
Metals (mg/L)					
Aluminum	405	0.0539	0.13	0.202	NS
Antimony	<	<	<	0.00137 J	0.003
Arsenic	0.00236 J	0.00184	0.00791	0.1578	0.025
Barium	0.01822	0.05846	0.02761	0.03271	1
Beryllium	0.02333	<	<	<	0.003
Calcium	404	113	522	575	NS
Chromium	0.05071	0.00029 J	0.00105	0.00079 J	0.05
Cobalt	0.02016	0.00044 J	0.00312	0.00037 J	NS
Copper	<	0.00126	0.0019	0.00191	0.2
Iron	2110	0.434	15.9	11.8	0.3
Lead	<	<	0.00047 J	0.06561	0.025
Magnesium	966	39.8	135	71.1	35
Manganese	29.63	0.1791	6.351	0.833	0.3
Nickel	0.04598	0.00117 J	0.00132 J	0.00081	0.1
Potassium	179	8.82	23.6	26.9	NS
Selenium	0.159	<	<	<	0.01
Sodium	144	59.5	63.2	10.8	20
Vanadium	0.07149	0.00171 J	0.00179 J	<	NS
Zinc	0.02236 J	0.05185	0.00419 J	0.01618	2

NYSDEC TOGS 1.1.1 AWQS = 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)

mg/L = Milligrams per liter

µg/L = Micrograms per liter

NS - Indictes the no regulatory value is noted within the NYSDEC TOGS 1.1.1 AWQS

NA - Not analyzed

"<" - Indicates no detection

Shaded = Value exceedes NYSDEC TOGS 1.1.1 AWQS

J = Estimated value.

UJ= Not detected, but the detection limit is estimated because of interference from something in the sample.

APPENDIX 1

Inspection Form and Field Logs

SITE INSPECTION FORM
FRANCZYK PARK

Property Name: Franczyk Park Inspection Date: 9/4/2024

Property Address: 564 Babcock Street

City: Buffalo State: NY Zip Code: 14206

Property ID: (Tax Assessment Map)

Section: 112.17 Block: 1 Lot(s): 10 and 11

Total Acreage: 16.5 acres

Weather (during inspection): Temperature: 70°F Conditions: Sunny

SIGNATURE:

The findings of this inspection were discussed with appropriate personnel, corrective actions were identified and implementation was mutually agreed upon:

Inspector: Andrew Koons Date: 9/4/2024

Next Scheduled Inspection Date: 2025

COVER & VEGETATION

4. Final cover in acceptable condition?	X	
Is there evidence of sloughing, erosion, ponding or settlement?		X
Is there evidence of unintended traffic; rutting?		X
Is there evidence of distressed vegetation/turf?		X
	Yes	**No**
5. Final cover sufficiently covers soil/fill material?	X	
Are there cracks visible in the soil or pavement?		X
Is there evidence of erosion in the stormwater channels or swales?		X
Is the synthetic erosion control fabric visible or damaged in the playground and/or athletic field area?		X

INTERCEPTOR TRENCH AND MONITORING WELLS

	Yes	**No**
6. Interceptor trench in acceptable condition?		
Are the cleanout caps secured and not buried?	X	
Are the interceptor pipes obstructed (check the manholes where the interceptor trench connects to the sanitary sewer)		X

What is the condition of the monitoring wells?

Monitoring wells were observed to be in good condition.

ACTIVITY ON SITE

	Yes	No
7. Any activity on site that disturbed the soil cover?	_____	X

ACCESS CONTROLS

	Yes	No
1. Is access controlled by barriers (i.e. fencing, boulders, etc?	X	_____
Are there sections of the access controls damaged or missing?	_____	X
2. Is there evidence of the operation of vehicles on the site?	_____	X
Is there evidence of damage to the cover or access controls resulting from vehicle use on the project site?	_____	X

ADDITIONAL FACILITY INFORMATION

Has there been any any development on or near the site? (Specify size and type: e.g., residential, 40 acres, well and septic)

No

COMMENTS

Item #

LaBella

300 Pearl Street
Buffalo, New York 14202
Telephone: (716) 551-6281

Project Name: Franczyk Park
Location: Buffalo, NY
Project No.: 224J532
Sampled By: A. Koons
Date: 9/4/24
Weather: Sunny + 70°F

WELL I.D.: MW-03

WELL SAMPLING INFORMATION

Well Diameter: 2"
Depth of Well: 16.10
Measuring Point: TOC
Pump Type: peri-pump

Static Water Level: 5.82
Length of Well Screen:
Depth to Top of Pump:
Tubing Type:

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Dissolved O_2 (mg/L) + 10%	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) + 10%	Depth to Water Ft. BGS		Comments
1013	500	Ø	17.84	Ø	15.2	4.41	61	71000	5.82		V. turbid
1018	500	0.13	18.56	1.17	10.8	4.22	72	1.85	7.02		
1023	500	0.26	16.26	1.67	10.0	4.30	60	175	7.05		
1028	500	0.39	16.19	1.16	9.7	4.40	64	94.7	7.05		
1033	500	0.52	16.18	Ø	9.5	4.47	51	46.3	7.05		

Total 0.52 Gallons Purged

Purge Time Start: 1013 Purge Time End: 1033 Final Static Water Level: 7.05

OBSERVATIONS

foot bottom

sample @ 1037

LaBella

300 Pearl Street
Buffalo, New York 14202
Telephone: (716) 551-6281

Project Name: Franczyk Park
Location: Buffalo, NY
Project No.: 2243532
Sampled By: A. Koons
Date: 3/4/24
Weather: Sunny +70°F

WELL I.D.: MW-05R

WELL SAMPLING INFORMATION

Well Diameter: 2"
Depth of Well: 11.90
Measuring Point: TOC
Pump Type: Peri-pump
Static Water Level: 3.23
Length of Well Screen:
Depth to Top of Pump:
Tubing Type:

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Dissolved O_2 (mg/L) + 10%	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) + 10%	Depth to Water Ft. BGS		Comments
1140	500	0	19.55	2.74	0.922	7.95	-94	98.3	3.23		
1145	500	0.13	20.58	2.35	0.618	7.83	-111	46.7	5.12		
1150	500	0.26	20.36	2.46	0.609	7.69	-105	45.7	7.79		
1155	500	0.39	19.62	2.49	0.625	7.59	-97	27.6	7.82		

Total 0.39 Gallons Purged

Purge Time Start: 1140 Purge Time End: 1155 Final Static Water Level: 7.82

OBSERVATIONS

Sample @ 1200

LaBella

300 Pearl Street
Buffalo, New York 14202
Telephone: (716) 551-6281

Project Name: Frankzyk Parke
Location: Buffalo, NY
Project No.: 2243532
Sampled By: A. Koons
Date: 9/4/24
Weather: Sunny + 70°F

WELL I.D.: MW-07

WELL SAMPLING INFORMATION

Well Diameter: 2"
Depth of Well: 7.80
Measuring Point: TOC
Pump Type: Peristaltic

Static Water Level: 5.87
Length of Well Screen:
Depth to Top of Pump:
Tubing Type:

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Dissolved O_2 (mg/L) + 10%	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) + 10%	Depth to Water Ft. BGS		Comments
											oil
1101	500	0	19.69	3.98	2.60	6.23	-98	3.43	5.87		~~Sheen~~ on water
1106	500	0.13	19.77	3.03	1.68	7.05	-105	2.57	6.15		
1111	500	0.26	19.43	3.10	2.67	7.13	-92	37.56	—		

Total 0.26 Gallons Purged

Purge Time Start: 1101 Purge Time End: 1111 Final Static Water Level: dry

OBSERVATIONS

well purged dry — remanence of oil/gas on water

wait 15 minutes then sample — sampled @ 1115

LaBella

300 Pearl Street
Buffalo, New York 14202
Telephone: (716) 551-6281

Project Name: Francyk Park
Location: Buffalo, NY
Project No.: 229352
Sampled By: A. Koons
Date: 9/4/24
Weather: Sunny + 70°F

WELL I.D.: MW-08

WELL SAMPLING INFORMATION

Well Diameter: 2"
Depth of Well: 7.80
Measuring Point: TOIC
Pump Type: Peri pump

Static Water Level: 4.75
Length of Well Screen:
Depth to Top of Pump:
Tubing Type:

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Dissolved O_2 (mg/L) + 10%	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) + 10%	Depth to Water Ft. BGS		Comments
0915	500	0	18.61	5.77	2.81	7.69	-92	4.92	4.75		
0920	500	0.13	18.38	10.63	3.28	7.47	-94	10.73	6.10		
0925	500	0.26	18.72	10.90	3.09	7.91	-91	10.83	6.10		
0930	500	0.39	18.84	1.83	2.53	7.02	-89	2.16	6.10		
0935	500	0.52	19.17	2.32	2.63	7.38	-81	4.04	6.10		
0940	500	0.65	19.08	2.99	2.95	7.06	-89	10.57	6.10		
0945	500	0.78	19.12	9.17	3.07	7.05	-91	9.58	—		

Total 0.78 Gallons Purged

Purge Time Start: 0915 Purge Time End: 0945 Final Static Water Level: dry

OBSERVATIONS

well purging dry.

wait 15 min then sample

Sample @ 1000
MS/MSD + DUP collected @ this location

APPENDIX 2

Photographs

View of north baseball diamond

View of southeast baseball diamond

View of playground area

Soccer field central portion of Stie facing northwest

View of basketball courts

View of hockey rink

Franczyk Park
550 and 564 New Babcock Street
Buffalo, NY 14206

LaBella
Powered by partnership.

View along south Site boundary

View of typical monitoring well

APPENDIX 3

Site Management Periodic Review Report Notice-Institutional and Engineering Controls Certification Form

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. **B00174**

Site Name Franczyk Park Investigation

Site Address: 550 and 564 New Babcock Street Zip Code: 14206-
City/Town: Buffalo (C)
County: Erie
Site Acreage: 15.490

Reporting Period: September 15, 2023 to September 15, 2024

	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? Restricted-Residential, 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. B00174 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
112.17-1-11	City of Buffalo	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan
122.17-1-10	City of Buffalo	Site Management Plan Landuse Restriction Monitoring Plan Ground Water Use Restriction Soil Management Plan

Box 4

Description of Engineering Controls

Parcel	Engineering Control
112.17-1-11	Cover System
122.17-1-10	Groundwater Containment Cover System

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

IC CERTIFICATIONS
SITE NO. B00174

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 Andrew Benkleman at LaBella Associates, 300 Pearl Street, Buffalo, NY 14202,
print name print business address

am certifying as Designated Representative (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

10/15/2024
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional 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 Andrew Benkleman (print name) at LaBella Associates, 300 Pearl Street, Buffalo, NY 14202 (print business address),

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

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	10/15/2024 Date

APPENDIX 4

Laboratory Analytical Report

ANALYTICAL REPORT

Lab Number:	L2450217
Client:	LaBella Associates, P.C. 300 Pearl Street Suite 252 Buffalo, NY 14202
ATTN:	Andy Benkleman
Phone:	(716) 551-6281
Project Name:	FRANCZYK PARK
Project Number:	Not Specified
Report Date:	09/12/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2450217-01	MW-03	WATER	BUFFALO, NY	09/04/24 10:35	09/04/24
L2450217-02	MW-05R	WATER	BUFFALO, NY	09/04/24 12:00	09/04/24
L2450217-03	MW-07	WATER	BUFFALO, NY	09/04/24 11:15	09/04/24
L2450217-04	MW-08	WATER	BUFFALO, NY	09/04/24 10:00	09/04/24
L2450217-05	DUP	WATER	BUFFALO, NY	09/04/24 00:00	09/04/24

Project Name:	FRANCZYK PARK	**Lab Number:**	L2450217
Project Number:	Not Specified	**Report Date:**	09/12/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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:	FRANCZYK PARK	**Lab Number:**	L2450217
Project Number:	Not Specified	**Report Date:**	09/12/24

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

L2450217-03: The collection date and time on the chain of custody was 04-SEP-24 11:15; however, the collection date/time on the container label was 04-SEP-24 11:30. At the client's request, the collection date/time is reported as 04-SEP-24 11:15.

Total Metals

L2450217-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1969694-3/-4 MS/MSD recoveries for calcium (140%/0%), iron (190%/170%) and magnesium (140%/156%) performed on L2450217-04, do not apply because the sample concentrations are greater than four times the spike amount added.

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: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 09/12/24

ORGANICS

SEMIVOLATILES

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-01
Client ID: MW-03
Sample Location: BUFFALO, NY

Date Collected: 09/04/24 10:35
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/10/24 07:58
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 09/08/24 11:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-01
Client ID: MW-03
Sample Location: BUFFALO, NY
Date Collected: 09/04/24 10:35
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	3.5	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	9.1		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	72		41-149

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-01
Client ID: MW-03
Sample Location: BUFFALO, NY

Date Collected: 09/04/24 10:35
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/10/24 10:43
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/08/24 11:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.07	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.04	J	ug/l	0.10	0.03	1
Phenanthrene	0.09	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: FRANCZYK PARK
Lab Number: L2450217
Project Number: Not Specified
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-01
Client ID: MW-03
Sample Location: BUFFALO, NY
Date Collected: 09/04/24 10:35
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	63		41-149

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-02
Client ID: MW-05R
Sample Location: BUFFALO, NY

Date Collected: 09/04/24 12:00
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/10/24 08:22
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 09/08/24 11:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-02
Client ID: MW-05R
Sample Location: BUFFALO, NY
Date Collected: 09/04/24 12:00
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.1	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	75		41-149

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-02
Client ID: MW-05R
Sample Location: BUFFALO, NY

Date Collected: 09/04/24 12:00
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/10/24 10:59
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/08/24 11:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-02
Client ID: MW-05R
Sample Location: BUFFALO, NY
Date Collected: 09/04/24 12:00
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	70		41-149

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-03
Client ID: MW-07
Sample Location: BUFFALO, NY

Date Collected: 09/04/24 11:15
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/10/24 08:45
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 09/08/24 11:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: FRANCZYK PARK **Lab Number:** L2450217

Project Number: Not Specified **Report Date:** 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-03 Date Collected: 09/04/24 11:15

Client ID: MW-07 Date Received: 09/04/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	6.8		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	74		41-149

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-03
Client ID: MW-07
Sample Location: BUFFALO, NY

Date Collected: 09/04/24 11:15
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/10/24 11:16
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/08/24 11:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-03
Client ID: MW-07
Sample Location: BUFFALO, NY
Date Collected: 09/04/24 11:15
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	66		41-149

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-04
Client ID: MW-08
Sample Location: BUFFALO, NY

Date Collected: 09/04/24 10:00
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/11/24 04:36
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 09/10/24 15:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	2.0	J	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-04
Client ID: MW-08
Sample Location: BUFFALO, NY
Date Collected: 09/04/24 10:00
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	2.2	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**11**	Q	21-120
Phenol-d6	14		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	21		10-120
4-Terphenyl-d14	82		41-149

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-04
Client ID: MW-08
Sample Location: BUFFALO, NY

Date Collected: 09/04/24 10:00
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/11/24 13:29
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 09/10/24 15:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.11		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.72		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.32		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.41		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.53		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.22		ug/l	0.10	0.03	1
Chrysene	0.28		ug/l	0.10	0.03	1
Acenaphthylene	0.04	J	ug/l	0.10	0.02	1
Anthracene	0.09	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.34		ug/l	0.10	0.02	1
Fluorene	0.05	J	ug/l	0.10	0.03	1
Phenanthrene	0.30		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.08	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.32		ug/l	0.10	0.02	1
Pyrene	0.59		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	0.02	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-04
Client ID: MW-08
Sample Location: BUFFALO, NY
Date Collected: 09/04/24 10:00
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**14**	Q	21-120
Phenol-d6	17		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	26		10-120
4-Terphenyl-d14	68		41-149

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-05
Client ID: DUP
Sample Location: BUFFALO, NY

Date Collected: 09/04/24 00:00
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/10/24 10:20
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 09/08/24 11:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-05
Client ID: DUP
Sample Location: BUFFALO, NY
Date Collected: 09/04/24 00:00
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	2.6	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	83		41-149

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-05
Client ID: DUP
Sample Location: BUFFALO, NY

Date Collected: 09/04/24 00:00
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/10/24 11:49
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/08/24 11:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.10	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.50		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.22		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.28		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.36		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.14		ug/l	0.10	0.03	1
Chrysene	0.20		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.08	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.25		ug/l	0.10	0.02	1
Fluorene	0.05	J	ug/l	0.10	0.03	1
Phenanthrene	0.23		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.06	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.23		ug/l	0.10	0.02	1
Pyrene	0.41		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: FRANCZYK PARK
Lab Number: L2450217
Project Number: Not Specified
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-05
Client ID: DUP
Sample Location: BUFFALO, NY
Date Collected: 09/04/24 00:00
Date Received: 09/04/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	71		41-149

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/10/24 02:51
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 09/08/24 11:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG1968879-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/10/24 02:51
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 09/08/24 11:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG1968879-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	84		41-149

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/10/24 09:20
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/08/24 11:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03,05 Batch: WG1968880-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/10/24 09:20
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/08/24 11:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03,05 Batch: WG1968880-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	68		41-149

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/10/24 23:56
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 09/10/24 15:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1969852-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/10/24 23:56
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 09/10/24 15:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1969852-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	76		41-149

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/11/24 12:39
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 09/10/24 15:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04 Batch: WG1969853-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/11/24 12:39
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 09/10/24 15:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04 Batch: WG1969853-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	67		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1968879-2 WG1968879-3								
Bis(2-chloroethyl)ether	73		83		40-140	13		30
3,3'-Dichlorobenzidine	73		70		40-140	4		30
2,4-Dinitrotoluene	68		73		48-143	7		30
2,6-Dinitrotoluene	77		79		40-140	3		30
4-Chlorophenyl phenyl ether	76		85		40-140	11		30
4-Bromophenyl phenyl ether	78		82		40-140	5		30
Bis(2-chloroisopropyl)ether	59		66		40-140	11		30
Bis(2-chloroethoxy)methane	79		80		40-140	1		30
Hexachlorocyclopentadiene	40		44		40-140	10		30
Isophorone	84		86		40-140	2		30
Nitrobenzene	78		78		40-140	0		30
NDPA/DPA	75		76		40-140	1		30
n-Nitrosodi-n-propylamine	82		88		29-132	7		30
Bis(2-ethylhexyl)phthalate	79		75		40-140	5		30
Butyl benzyl phthalate	82		77		40-140	6		30
Di-n-butylphthalate	86		79		40-140	8		30
Di-n-octylphthalate	77		74		40-140	4		30
Diethyl phthalate	78		77		40-140	1		30
Dimethyl phthalate	79		79		40-140	0		30
Biphenyl	66		67		40-140	2		30
4-Chloroaniline	69		76		40-140	10		30
2-Nitroaniline	80		78		52-143	3		30
3-Nitroaniline	72		80		25-145	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1968879-2 WG1968879-3								
4-Nitroaniline	67		68		51-143	1		30
Dibenzofuran	70		75		40-140	7		30
1,2,4,5-Tetrachlorobenzene	66		70		2-134	6		30
Acetophenone	79		86		39-129	8		30
2,4,6-Trichlorophenol	80		76		30-130	5		30
p-Chloro-m-cresol	86		89		23-97	3		30
2-Chlorophenol	70		79		27-123	12		30
2,4-Dichlorophenol	79		83		30-130	5		30
2,4-Dimethylphenol	55		61		30-130	10		30
2-Nitrophenol	76		75		30-130	1		30
4-Nitrophenol	61		62		10-80	2		30
2,4-Dinitrophenol	54		47		20-130	14		30
4,6-Dinitro-o-cresol	77		75		20-164	3		30
Phenol	45		48		12-110	6		30
2-Methylphenol	76		77		30-130	1		30
3-Methylphenol/4-Methylphenol	77		79		30-130	3		30
2,4,5-Trichlorophenol	77		82		30-130	6		30
Carbazole	77		76		55-144	1		30
Atrazine	68		69		40-140	1		30
Benzaldehyde	68		74		40-140	8		30
Caprolactam	26		24		10-130	8		30
2,3,4,6-Tetrachlorophenol	75		86		40-140	14		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRANCZYK PARK

Project Number: Not Specified

Lab Number: L2450217

Report Date: 09/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1968879-2 WG1968879-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		63		21-120
Phenol-d6	42		48		10-120
Nitrobenzene-d5	81		79		23-120
2-Fluorobiphenyl	66		73		15-120
2,4,6-Tribromophenol	74		84		10-120
4-Terphenyl-d14	76		75		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRANCZYK PARK

Project Number: Not Specified

Lab Number: L2450217

Report Date: 09/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1968880-2 WG1968880-3								
Acenaphthene	76		82		40-140	8		40
2-Chloronaphthalene	67		74		40-140	10		40
Fluoranthene	77		80		40-140	4		40
Hexachlorobutadiene	51		63		40-140	21		40
Naphthalene	65		73		40-140	12		40
Benzo(a)anthracene	86		91		40-140	6		40
Benzo(a)pyrene	77		80		40-140	4		40
Benzo(b)fluoranthene	78		81		40-140	4		40
Benzo(k)fluoranthene	78		83		40-140	6		40
Chrysene	80		84		40-140	5		40
Acenaphthylene	66		71		40-140	7		40
Anthracene	82		87		40-140	6		40
Benzo(ghi)perylene	80		82		40-140	2		40
Fluorene	75		80		40-140	6		40
Phenanthrene	81		86		40-140	6		40
Dibenzo(a,h)anthracene	81		84		40-140	4		40
Indeno(1,2,3-cd)pyrene	85		88		40-140	3		40
Pyrene	76		79		40-140	4		40
2-Methylnaphthalene	65		73		40-140	12		40
Pentachlorophenol	86		85		40-140	1		40
Hexachlorobenzene	84		90		40-140	7		40
Hexachloroethane	53		66		40-140	22		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRANCZYK PARK

Project Number: Not Specified

Lab Number: L2450217

Report Date: 09/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1968880-2 WG1968880-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		57		21-120
Phenol-d6	41		45		10-120
Nitrobenzene-d5	71		78		23-120
2-Fluorobiphenyl	66		73		15-120
2,4,6-Tribromophenol	77		83		10-120
4-Terphenyl-d14	66		69		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1969852-2 WG1969852-3								
Bis(2-chloroethyl)ether	57		61		40-140	7		30
3,3'-Dichlorobenzidine	74		68		40-140	8		30
2,4-Dinitrotoluene	88		83		48-143	6		30
2,6-Dinitrotoluene	94		89		40-140	5		30
4-Chlorophenyl phenyl ether	83		74		40-140	11		30
4-Bromophenyl phenyl ether	72		76		40-140	5		30
Bis(2-chloroisopropyl)ether	94		58		40-140	**47**	Q	30
Bis(2-chloroethoxy)methane	106		126		40-140	17		30
Hexachlorocyclopentadiene	50		43		40-140	15		30
Isophorone	106		100		40-140	6		30
Nitrobenzene	100		73		40-140	**31**	Q	30
NDPA/DPA	86		75		40-140	14		30
n-Nitrosodi-n-propylamine	75		72		29-132	4		30
Bis(2-ethylhexyl)phthalate	107		123		40-140	14		30
Butyl benzyl phthalate	110		100		40-140	10		30
Di-n-butylphthalate	99		96		40-140	3		30
Di-n-octylphthalate	114		110		40-140	4		30
Diethyl phthalate	98		93		40-140	5		30
Dimethyl phthalate	95		89		40-140	7		30
Biphenyl	69		63		40-140	9		30
4-Chloroaniline	77		71		40-140	8		30
2-Nitroaniline	90		88		52-143	2		30
3-Nitroaniline	81		78		25-145	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1969852-2 WG1969852-3								
4-Nitroaniline	85		79		51-143	7		30
Dibenzofuran	76		70		40-140	8		30
1,2,4,5-Tetrachlorobenzene	66		57		2-134	15		30
Acetophenone	87		71		39-129	20		30
2,4,6-Trichlorophenol	92		79		30-130	15		30
p-Chloro-m-cresol	92		83		23-97	10		30
2-Chlorophenol	63		68		27-123	8		30
2,4-Dichlorophenol	103		**133**	Q	30-130	25		30
2,4-Dimethylphenol	93		105		30-130	12		30
2-Nitrophenol	106		114		30-130	7		30
4-Nitrophenol	55		52		10-80	6		30
2,4-Dinitrophenol	107		102		20-130	5		30
4,6-Dinitro-o-cresol	100		96		20-164	4		30
Phenol	28		30		12-110	7		30
2-Methylphenol	77		62		30-130	22		30
3-Methylphenol/4-Methylphenol	81		67		30-130	19		30
2,4,5-Trichlorophenol	99		87		30-130	13		30
Carbazole	90		86		55-144	5		30
Atrazine	86		99		40-140	14		30
Benzaldehyde	48		56		40-140	15		30
Caprolactam	55		53		10-130	4		30
2,3,4,6-Tetrachlorophenol	92		83		40-140	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRANCZYK PARK

Project Number: Not Specified

Lab Number: L2450217

Report Date: 09/12/24

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1969852-2 WG1969852-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	45		44		21-120
Phenol-d6	29		29		10-120
Nitrobenzene-d5	89		68		23-120
2-Fluorobiphenyl	78		66		15-120
2,4,6-Tribromophenol	57		57		10-120
4-Terphenyl-d14	83		71		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04 Batch: WG1969853-2 WG1969853-3								
Acenaphthene	76		77		40-140	1		40
2-Chloronaphthalene	68		69		40-140	1		40
Fluoranthene	76		81		40-140	6		40
Hexachlorobutadiene	55		54		40-140	2		40
Naphthalene	66		67		40-140	2		40
Benzo(a)anthracene	86		92		40-140	7		40
Benzo(a)pyrene	76		81		40-140	6		40
Benzo(b)fluoranthene	76		82		40-140	8		40
Benzo(k)fluoranthene	79		83		40-140	5		40
Chrysene	79		85		40-140	7		40
Acenaphthylene	66		69		40-140	4		40
Anthracene	83		88		40-140	6		40
Benzo(ghi)perylene	77		83		40-140	8		40
Fluorene	75		79		40-140	5		40
Phenanthrene	81		86		40-140	6		40
Dibenzo(a,h)anthracene	77		83		40-140	8		40
Indeno(1,2,3-cd)pyrene	83		89		40-140	7		40
Pyrene	75		80		40-140	6		40
2-Methylnaphthalene	66		67		40-140	2		40
Pentachlorophenol	91		95		40-140	4		40
Hexachlorobenzene	86		90		40-140	5		40
Hexachloroethane	57		58		40-140	2		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRANCZYK PARK

Project Number: Not Specified

Lab Number: L2450217

Report Date: 09/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04 Batch: WG1969853-2 WG1969853-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	48		45		21-120
Phenol-d6	37		35		10-120
Nitrobenzene-d5	75		74		23-120
2-Fluorobiphenyl	70		70		15-120
2,4,6-Tribromophenol	80		80		10-120
4-Terphenyl-d14	64		67		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: FRANCZYK PARK

Project Number: Not Specified

Lab Number: L2450217

Report Date: 09/12/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1969852-4 WG1969852-5 QC Sample: L2450217-04 Client ID: MW-08												
Bis(2-chloroethyl)ether	ND	20	12	60		12	60		40-140	0		30
3,3'-Dichlorobenzidine	ND	20	12	60		12	60		40-140	0		30
2,4-Dinitrotoluene	ND	20	17	85		17	85		48-143	0		30
2,6-Dinitrotoluene	ND	20	21	110		20	100		40-140	5		30
4-Chlorophenyl phenyl ether	ND	20	17	85		16	80		40-140	6		30
4-Bromophenyl phenyl ether	ND	20	19	95		18	90		40-140	5		30
Bis(2-chloroisopropyl)ether	ND	20	10	50		11	55		40-140	10		30
Bis(2-chloroethoxy)methane	ND	20	14	70		14	70		40-140	0		30
Hexachlorocyclopentadiene	ND	20	13.J	65		12.J	60		40-140	8		30
Isophorone	ND	20	15	75		15	75		40-140	0		30
Nitrobenzene	ND	20	14	70		14	70		40-140	0		30
NDPA/DPA	ND	20	17	85		16	80		40-140	6		30
n-Nitrosodi-n-propylamine	ND	20	13	65		14	70		29-132	7		30
Bis(2-ethylhexyl)phthalate	2.0J	20	22	110		22	110		40-140	0		30
Butyl benzyl phthalate	ND	20	22	110		21	110		40-140	5		30
Di-n-butylphthalate	ND	20	21	110		20	100		40-140	5		30
Di-n-octylphthalate	ND	20	22	110		22	110		40-140	0		30
Diethyl phthalate	ND	20	19	95		19	95		40-140	0		30
Dimethyl phthalate	ND	20	19	95		19	95		40-140	0		30
Biphenyl	ND	20	14	70		14	70		40-140	0		30
4-Chloroaniline	ND	20	12	60		12	60		40-140	0		30
2-Nitroaniline	ND	20	19	95		19	95		52-143	0		30
3-Nitroaniline	ND	20	16	80		16	80		25-145	0		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FRANCZYK PARK

Project Number: Not Specified

Lab Number: L2450217

Report Date: 09/12/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1969852-4 WG1969852-5 QC Sample: L2450217-04 Client ID: MW-08												
4-Nitroaniline	ND	20	16	80		16	80		51-143	0		30
Dibenzofuran	ND	20	15	75		14	70		40-140	7		30
1,2,4,5-Tetrachlorobenzene	ND	20	15	75		14	70		2-134	7		30
Acetophenone	ND	20	13	65		14	70		39-129	7		30
2,4,6-Trichlorophenol	ND	20	11	55		8.7	44		30-130	23		30
p-Chloro-m-cresol	ND	20	14	70		13	65		23-97	7		30
2-Chlorophenol	ND	20	8.0	40		7.1	36		27-123	12		30
2,4-Dichlorophenol	ND	20	9.7	49		8.5	43		30-130	13		30
2,4-Dimethylphenol	ND	20	14	70		12	60		30-130	15		30
2-Nitrophenol	ND	20	9.3J	47		8.4J	42		30-130	10		30
4-Nitrophenol	ND	20	4.1J	21		4.6J	23		10-80	11		30
2,4-Dinitrophenol	ND	20	14.J	70		12.J	60		20-130	15		30
4,6-Dinitro-o-cresol	ND	20	12	60		11	55		20-164	9		30
Phenol	2.2J	20	8.7	44		6.5	33		12-110	29		30
2-Methylphenol	ND	20	9.9	50		9.9	50		30-130	0		30
3-Methylphenol/4-Methylphenol	ND	20	9.9	50		9.4	47		30-130	5		30
2,4,5-Trichlorophenol	ND	20	12	60		9.8	49		30-130	20		30
Carbazole	ND	20	17	85		17	85		55-144	0		30
Atrazine	ND	20	23	120		23	120		40-140	0		30
Benzaldehyde	ND	20	12	60		12	60		40-140	0		30
Caprolactam	ND	20	11	55		11	55		10-130	0		30
2,3,4,6-Tetrachlorophenol	ND	20	11	55		8.6	43		40-140	24		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FRANCZYK PARK

Project Number: Not Specified

Lab Number: L2450217

Report Date: 09/12/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1969852-4 WG1969852-5 QC Sample: L2450217-04 Client ID: MW-08												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	44		37		10-120
2-Fluorobiphenyl	78		76		15-120
2-Fluorophenol	23		**20**	Q	21-120
4-Terphenyl-d14	82		80		41-149
Nitrobenzene-d5	63		67		23-120
Phenol-d6	19		17		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1969853-4 WG1969853-5 QC Sample: L2450217-04 Client ID: MW-08												
Acenaphthene	0.11	20	15	74		16	79		40-140	6		40
2-Chloronaphthalene	ND	20	14	70		14	70		40-140	0		40
Fluoranthene	0.72	20	15	71		16	76		40-140	6		40
Hexachlorobutadiene	ND	20	11	55		11	55		40-140	0		40
Naphthalene	ND	20	14	70		14	70		40-140	0		40
Benzo(a)anthracene	0.32	20	18	88		18	88		40-140	0		40
Benzo(a)pyrene	0.41	20	16	78		16	78		40-140	0		40
Benzo(b)fluoranthene	0.53	20	16	77		17	82		40-140	6		40
Benzo(k)fluoranthene	0.22	20	16	79		16	79		40-140	0		40
Chrysene	0.28	20	16	79		17	84		40-140	6		40
Acenaphthylene	0.04J	20	14	70		14	70		40-140	0		40
Anthracene	0.09J	20	17	85		17	85		40-140	0		40
Benzo(ghi)perylene	0.34	20	16	78		16	78		40-140	0		40
Fluorene	0.05J	20	15	75		16	80		40-140	6		40
Phenanthrene	0.30	20	16	79		17	84		40-140	6		40
Dibenzo(a,h)anthracene	0.08J	20	15	75		16	80		40-140	6		40
Indeno(1,2,3-cd)pyrene	0.32	20	17	83		18	88		40-140	6		40
Pyrene	0.59	20	15	72		16	77		40-140	6		40
2-Methylnaphthalene	ND	20	14	70		14	70		40-140	0		40
Pentachlorophenol	ND	20	11	55		9.4	47		40-140	16		40
Hexachlorobenzene	0.02J	20	17	85		18	90		40-140	6		40
Hexachloroethane	ND	20	12	60		12	60		40-140	0		40

Matrix Spike Analysis

Batch Quality Control

Project Name: FRANCZYK PARK

Project Number: Not Specified

Lab Number: L2450217

Report Date: 09/12/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1969853-4 WG1969853-5 QC Sample: L2450217-04 Client ID: MW-08												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	48		44		10-120
2-Fluorobiphenyl	70		73		15-120
2-Fluorophenol	27		24		21-120
4-Terphenyl-d14	62		65		41-149
Nitrobenzene-d5	74		78		23-120
Phenol-d6	23		22		10-120

METALS

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-01
Client ID: MW-03
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Water

Date Collected: 09/04/24 10:35
Date Received: 09/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	405.		mg/l	0.0500	0.0164	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Antimony, Total	ND		mg/l	0.02000	0.00214	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.00236	J	mg/l	0.00250	0.00082	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Barium, Total	0.01822		mg/l	0.00250	0.00086	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Beryllium, Total	0.02333		mg/l	0.00250	0.00053	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00100	0.00029	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Calcium, Total	404.		mg/l	0.500	0.197	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Chromium, Total	0.05071		mg/l	0.00500	0.00089	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Cobalt, Total	0.02016		mg/l	0.00250	0.00081	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Copper, Total	ND		mg/l	0.00500	0.00192	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Iron, Total	2110		mg/l	2.50	0.955	50	09/10/24 13:38	09/12/24 14:36	EPA 3005A	1,6020B	MRC
Lead, Total	ND		mg/l	0.00500	0.00171	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Magnesium, Total	996.		mg/l	3.50	1.21	50	09/10/24 13:38	09/12/24 14:36	EPA 3005A	1,6020B	MRC
Manganese, Total	29.63		mg/l	0.00500	0.00220	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/10/24 14:37	09/11/24 12:13	EPA 7470A	1,7470A	MJR
Nickel, Total	0.04598		mg/l	0.01000	0.00278	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Potassium, Total	179.		mg/l	0.500	0.154	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Selenium, Total	0.159		mg/l	0.0250	0.00865	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Silver, Total	ND		mg/l	0.00200	0.00081	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Sodium, Total	144.		mg/l	0.500	0.146	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Thallium, Total	ND		mg/l	0.00500	0.00071	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Vanadium, Total	0.07149		mg/l	0.02500	0.00785	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC
Zinc, Total	0.02236	J	mg/l	0.05000	0.01705	5	09/10/24 13:38	09/11/24 16:28	EPA 3005A	1,6020B	MRC

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-02
Client ID: MW-05R
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Water

Date Collected: 09/04/24 12:00
Date Received: 09/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0539		mg/l	0.0100	0.00327	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.00184		mg/l	0.00050	0.00016	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Barium, Total	0.05846		mg/l	0.00050	0.00017	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Calcium, Total	113.		mg/l	0.100	0.0394	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Chromium, Total	0.00029	J	mg/l	0.00100	0.00017	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Cobalt, Total	0.00044	J	mg/l	0.00050	0.00016	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Copper, Total	0.00126		mg/l	0.00100	0.00038	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Iron, Total	0.434		mg/l	0.0500	0.0191	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Magnesium, Total	39.8		mg/l	0.0700	0.0242	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Manganese, Total	0.1791		mg/l	0.00100	0.00044	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/10/24 14:37	09/11/24 12:17	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00117	J	mg/l	0.00200	0.00055	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Potassium, Total	8.82		mg/l	0.100	0.0309	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Sodium, Total	59.5		mg/l	0.100	0.0293	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Vanadium, Total	0.00171	J	mg/l	0.00500	0.00157	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC
Zinc, Total	0.05185		mg/l	0.01000	0.00341	1	09/10/24 13:38	09/11/24 17:22	EPA 3005A	1,6020B	MRC

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-03
Client ID: MW-07
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Water

Date Collected: 09/04/24 11:15
Date Received: 09/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.130		mg/l	0.0100	0.00327	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.00791		mg/l	0.00050	0.00016	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Barium, Total	0.02761		mg/l	0.00050	0.00017	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Calcium, Total	522.		mg/l	1.00	0.394	10	09/10/24 13:38	09/12/24 14:54	EPA 3005A	1,6020B	MRC
Chromium, Total	0.00105		mg/l	0.00100	0.00017	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Cobalt, Total	0.00312		mg/l	0.00050	0.00016	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Copper, Total	0.00190		mg/l	0.00100	0.00038	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Iron, Total	15.9		mg/l	0.0500	0.0191	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Lead, Total	0.00047	J	mg/l	0.00100	0.00034	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Magnesium, Total	135.		mg/l	0.700	0.242	10	09/10/24 13:38	09/12/24 14:54	EPA 3005A	1,6020B	MRC
Manganese, Total	6.351		mg/l	0.00100	0.00044	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/10/24 14:37	09/11/24 12:20	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00132	J	mg/l	0.00200	0.00055	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Potassium, Total	23.6		mg/l	0.100	0.0309	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Sodium, Total	63.2		mg/l	0.100	0.0293	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Vanadium, Total	0.00179	J	mg/l	0.00500	0.00157	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC
Zinc, Total	0.00419	J	mg/l	0.01000	0.00341	1	09/10/24 13:38	09/12/24 14:50	EPA 3005A	1,6020B	MRC

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-04
Client ID: MW-08
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Water

Date Collected: 09/04/24 10:00
Date Received: 09/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.202		mg/l	0.0100	0.00327	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Antimony, Total	0.00137	J	mg/l	0.00400	0.00042	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.01578		mg/l	0.00050	0.00016	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Barium, Total	0.03271		mg/l	0.00050	0.00017	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Calcium, Total	575.		mg/l	1.00	0.394	10	09/10/24 13:38	09/12/24 13:53	EPA 3005A	1,6020B	MRC
Chromium, Total	0.00079	J	mg/l	0.00100	0.00017	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Cobalt, Total	0.00037	J	mg/l	0.00050	0.00016	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Copper, Total	0.00191		mg/l	0.00100	0.00038	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Iron, Total	11.8		mg/l	0.0500	0.0191	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Lead, Total	0.06561		mg/l	0.00100	0.00034	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Magnesium, Total	71.1		mg/l	0.0700	0.0242	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Manganese, Total	0.8330		mg/l	0.00100	0.00044	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/10/24 14:37	09/11/24 11:51	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00081	J	mg/l	0.00200	0.00055	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Potassium, Total	26.9		mg/l	0.100	0.0309	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Sodium, Total	10.8		mg/l	0.100	0.0293	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC
Zinc, Total	0.01618		mg/l	0.01000	0.00341	1	09/10/24 13:38	09/11/24 16:58	EPA 3005A	1,6020B	MRC

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

SAMPLE RESULTS

Lab ID: L2450217-05
Client ID: DUP
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Water

Date Collected: 09/04/24 00:00
Date Received: 09/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.276		mg/l	0.0100	0.00327	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Antimony, Total	0.00108	J	mg/l	0.00400	0.00042	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.01369		mg/l	0.00050	0.00016	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Barium, Total	0.03580		mg/l	0.00050	0.00017	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Calcium, Total	548.		mg/l	1.00	0.394	10	09/10/24 13:38	09/12/24 15:04	EPA 3005A	1,6020B	MRC
Chromium, Total	0.00095	J	mg/l	0.00100	0.00017	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Cobalt, Total	0.00037	J	mg/l	0.00050	0.00016	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Copper, Total	0.00364		mg/l	0.00100	0.00038	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Iron, Total	13.4		mg/l	0.0500	0.0191	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Lead, Total	0.08192		mg/l	0.00100	0.00034	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Magnesium, Total	58.8		mg/l	0.0700	0.0242	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Manganese, Total	0.8812		mg/l	0.00100	0.00044	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/10/24 14:37	09/11/24 12:23	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00098	J	mg/l	0.00200	0.00055	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Potassium, Total	26.9		mg/l	0.100	0.0309	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Sodium, Total	9.28		mg/l	0.100	0.0293	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Vanadium, Total	0.00251	J	mg/l	0.00500	0.00157	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC
Zinc, Total	0.02445		mg/l	0.01000	0.00341	1	09/10/24 13:38	09/12/24 14:59	EPA 3005A	1,6020B	MRC

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1969694-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Barium, Total	ND		mg/l	0.00050	0.00017	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Calcium, Total	ND		mg/l	0.100	0.0394	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Chromium, Total	ND		mg/l	0.00100	0.00017	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Copper, Total	ND		mg/l	0.00100	0.00038	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Iron, Total	ND		mg/l	0.0500	0.0191	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Manganese, Total	ND		mg/l	0.00100	0.00044	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Nickel, Total	ND		mg/l	0.00200	0.00055	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Potassium, Total	ND		mg/l	0.100	0.0309	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Sodium, Total	ND		mg/l	0.100	0.0293	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/10/24 13:38	09/11/24 16:44	1,6020B	MRC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1969697-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/10/24 14:37	09/11/24 11:44	1,7470A	MJR

Project Name: FRANCZYK PARK
Project Number: Not Specified
Lab Number: L2450217
Report Date: 09/12/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRANCZYK PARK

Project Number: Not Specified

Lab Number: L2450217

Report Date: 09/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1969694-2								
Aluminum, Total	92		-		80-120	-		
Antimony, Total	92		-		80-120	-		
Arsenic, Total	100		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	99		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Calcium, Total	105		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Cobalt, Total	106		-		80-120	-		
Copper, Total	108		-		80-120	-		
Iron, Total	111		-		80-120	-		
Lead, Total	95		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	105		-		80-120	-		
Nickel, Total	107		-		80-120	-		
Potassium, Total	100		-		80-120	-		
Selenium, Total	94		-		80-120	-		
Silver, Total	98		-		80-120	-		
Sodium, Total	105		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	102		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRANCZYK PARK

Project Number: Not Specified

Lab Number: L2450217

Report Date: 09/12/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1969694-2					
Zinc, Total	105	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1969697-2					
Mercury, Total	98	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1969694-3 WG1969694-4 QC Sample: L2450217-04 Client ID: MW-08												
Aluminum, Total	0.202	2	2.02	91		2.14	97		75-125	6		20
Antimony, Total	0.00137J	0.5	0.5055	101		0.5174	103		75-125	2		20
Arsenic, Total	0.01578	0.12	0.1340	98		0.1380	102		75-125	3		20
Barium, Total	0.03271	2	2.066	102		2.111	104		75-125	2		20
Beryllium, Total	ND	0.05	0.04883	98		0.05225	104		75-125	7		20
Cadmium, Total	ND	0.053	0.05454	103		0.05554	105		75-125	2		20
Calcium, Total	575.	10	589	**140**	Q	570	**0**	Q	75-125	3		20
Chromium, Total	0.00079J	0.2	0.2132	107		0.2101	105		75-125	1		20
Cobalt, Total	0.00037J	0.5	0.5114	102		0.5059	101		75-125	1		20
Copper, Total	0.00191	0.25	0.2578	102		0.2569	102		75-125	0		20
Iron, Total	11.8	1	13.7	**190**	Q	13.5	**170**	Q	75-125	1		20
Lead, Total	0.06561	0.53	0.5742	96		0.5843	98		75-125	2		20
Magnesium, Total	71.1	10	85.1	**140**	Q	86.7	**156**	Q	75-125	2		20
Manganese, Total	0.8330	0.5	1.390	111		1.391	112		75-125	0		20
Nickel, Total	0.00081J	0.5	0.4986	100		0.5066	101		75-125	2		20
Potassium, Total	26.9	10	36.9	100		36.8	99		75-125	0		20
Selenium, Total	ND	0.12	0.109	91		0.106	88		75-125	3		20
Silver, Total	ND	0.05	0.04968	99		0.05029	100		75-125	1		20
Sodium, Total	10.8	10	21.2	104		21.4	106		75-125	1		20
Thallium, Total	ND	0.12	0.1190	99		0.1211	101		75-125	2		20
Vanadium, Total	ND	0.5	0.5388	108		0.5239	105		75-125	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1969694-3 WG1969694-4 QC Sample: L2450217-04 Client ID: MW-08									
Zinc, Total	0.01618	0.5	0.5234	101	0.5276	102	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1969697-3 WG1969697-4 QC Sample: L2450217-04 Client ID: MW-08									
Mercury, Total	ND	0.005	0.00501	100	0.00503	101	75-125	0	20

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

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(*)
L2450217-01A	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2450217-01B	Amber 100ml unpreserved	A	4	4	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2450217-01C	Amber 100ml unpreserved	A	4	4	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2450217-02A	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),CO-6020T(180)
L2450217-02B	Amber 100ml unpreserved	A	6	6	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2450217-02C	Amber 100ml unpreserved	A	6	6	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2450217-03A	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2450217-03B	Amber 100ml unpreserved	A	6	6	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2450217-03C	Amber 100ml unpreserved	A	6	6	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2450217-04A	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),CD-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2450217-04A1	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),CD-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2450217-04A2	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),CD-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2450217-04B	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2450217-04B1	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2450217-04B2	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2450217-04C	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2450217-04C1	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2450217-04C2	Amber 100ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: FRANCZYK PARK
Project Number: Not Specified

Lab Number: L2450217
Report Date: 09/12/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2450217-05A	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),AL-6020T(180),AG-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2450217-05B	Amber 100ml unpreserved	A	6	6	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2450217-05C	Amber 100ml unpreserved	A	6	6	2.3	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Project Name:	FRANCZYK PARK	**Lab Number:**	L2450217
Project Number:	Not Specified	**Report Date:**	09/12/24

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:	FRANCZYK PARK	**Lab Number:**	L2450217
Project Number:	Not Specified	**Report Date:**	09/12/24

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:	FRANCZYK PARK	**Lab Number:**	L2450217
Project Number:	Not Specified	**Report Date:**	09/12/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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.)

Project Name:	FRANCZYK PARK	**Lab Number:**	L2450217
Project Number:	Not Specified	**Report Date:**	09/12/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, 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:09122416:34

L2450217 11SEP24
LABELLA – BUF

NEW YORK CHAIN OF CUSTODY

Page 1 of 1

Date Rec'd in Lab 9/5/24

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

Client Information

Client: LaBella Associates
Address: 300 Pearl St
Buffalo, NY
Phone:
Fax:
Email: abenklemen@labellapc.com

Project Information

Project Name: Franczyk Park
Project Location: Buffalo, NY
Project #
(Use Project name as Project #) ☐
Project Manager: Andy Benkleman
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. TAL metals

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	1,4-TCL SVOCs	Total Metals + Hg	Sample Filtration / Preservation	Sample Specific Comments	Total Bottle
50217-01	MW-03	9/4/24	1035	H_2O	AB	X	X			
-02	MW-05R		1200			X	X			
-03	MW-07		1115			X	X			
-04	MW-08		1000			X	X		MS/MSD	
-05	DUP		—			X	X			

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Preservative Code:
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

Container Type															
Preservative															

Relinquished By:	Date/Time	Received By:	Date/Time
Andrew Kam	9/4/24 1250	Joaquin Tolay (PACE)	9/4/24 12:50
Joaquin Tolay (PACE)	9/4/24 12:50	Buffalo Service Center	9/4/24 12:50
Richard B. Bahy	9/4/24 15:34		9-4-24
	9-4-24 CAS		

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)

Received 09105124-0200

APPENDIX 5

Data Usability Summary Report

DATA USABILITY SUMMARY REPORT

for

LABELLA ASSOCIATES, P.C.

300 State Street

Rochester, NY 14614

FRANCZYK PARK
Aqueous Samples
SDG: L2450217
Sampled 09/04/2024

SEMIVOLATILE ORGANICS, METALS
SEMIVOLATILE ORGANICS-SEM

MW-03	(L2450217-01)
MW-05R	(L2450217-02)
MW-07)	(L2450217-03)
MW-08	(L2450217-04)
DUP	(L2450217-05)

DATA ASSESSMENT

An ASP Category B data package containing analytical results for four aqueous samples and a blind duplicate was received from Labella Associates on 07Oct24. The deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from the Franczyk Park Site, were identified by Chain of Custody documents and traceable through the work of Alpha Analytical, the laboratory contracted for analysis. Analyses, performed according to SW-846 methods, addressed determinations of semivolatile organics, semivolatile organics-SIM and metals. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 07/2005. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-35, Rev.#2, March 2013, Semivolatile Data Validation; and SOP HW-2a, Rev. 15, Dec. 2012, ICP-AES Data Validation) were used as a technical references.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Results presenting a usable estimation of the conditions at the time of sampling have been flagged "J" or "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed strict QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly. DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature: James B. Baldwin Date: 14Oct24

James B. Baldwin
DATAVAL Inc.

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation, or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the time of sample collection. Samples must remain chilled to 4±2°C between the time of collection and the time of analysis. Acid preserved VOC samples must be analyzed within 14 days, unpreserved VOC samples within 7 days. The holding time for VOC soils is 14 days. Aqueous semivolatile organics, pesticide and PCB samples must be extracted within seven days of collection. Soils must be extracted within 14 days. The extracts must then be analyzed within forty days of extraction. The holding times for cyanide and mercury samples are 14 and 28 days, respectively. Metals samples must be analyzed within six months.

This delivery group contained four aqueous samples and a blind duplicate that were collected from the Franczyk Park site on 04Sep24. The samples were packaged with ice and shipped to the laboratory, via a laboratory courier, on the day of collection. The cooler of samples was received intact and packed with ice. A cooler temperature of 2.3°C was recorded at the time of receipt. Although proper sample preservation was not documented in the field custody record, checks made in the laboratory verified that the samples were properly preserved.

SEMIVOLATILE ORGANICS

This group of samples was extracted for SVOC analysis on 08Sep24 and 10Sep24, and the extracts were analyzed on 10Sep24 and 11Sep24. The program holding time requirements were satisfied.

Blanks

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

Two method blanks were analyzed with this group of samples. Both of these blanks produced acceptable chromatography and were free of targeted analyte contamination.

Although not found in the associated blanks, bis(2-ethylhexyl)phthalate was detected in MW-08. This concentration has been qualified as an estimation because low levels of phthalate frequently represent laboratory artifacts. Bis(2-ethylhexyl)phthalate (PHTHALATE) could not be removed from the affected sample report because it was not found in the associated blanks.

MS Tuning

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to

accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of DFTPP was analyzed prior to each analytical sequence that contained samples from this program. An Instrument Performance Check Form is present for each DFTPP evaluation. Each DFTPP tune associated with this group of samples satisfied the program acceptance criteria.

Calibration

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

Initial instrument calibrations were performed on 25Jun24. Concentrations of 0.1, 0.2, 0.5, 1.0, 2.5, 5.0, 10, 25 and 50 µg/ml were included. Each analyte targeted by this program produced the required levels of instrument response and demonstrated an acceptable degree of linearity during this calibration.

Calibration verifications were performed on 09Sep24 and 10Sep24, prior to the 12-hour periods of instrument operation that included samples from this program. When compared to the initial instrument calibrations, unacceptable shifts were observed in the instrument response of 2-methylphenol and 2,6-dinitrotoluene on 09Sep24 and Parathion on 10Sep24. Based on this performance, the 2-methylphenol and 2,6-dinitrotoluene results from MW-03, MW-07, MW-05R and the DUP have been qualified as estimations. The Parathion result from MW-08 has been similarly qualified.

Surrogates

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared, based on the laboratory's statistical acceptance criteria. When compared to the program requirements, however, unacceptably low recoveries were reported for the 2-fluorophenol (11%) and phenol-d6 (14%) additions to MW-08. Based on these indications of negative bias, the SVOC results from MW-08 have been qualified as estimations.

Internal Standards

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each

sample. The area of internal standard peaks may not vary by more than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, acceptable performance was indicated for the internal standard additions to each program sample.

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

MW-08 was selected for matrix spiking. Each targeted SVOC analyte was added to two aliquots of this sample. The recoveries reported for these spikes included a low 4-nitrophenol (23%) result. Based on this indication of negative bias, the 4-nitrophenol result from MW-08 has been qualified as an estimation.

Two pairs of spiked blanks (LCS/LCSD) were extracted and analyzed with this group of samples. The recoveries reported for these LCS samples included low results for caprolactam (26%,24%); and nitrobenzene (31%RPD) and 2,4-dichlorophenol (25%RPD) demonstrated poor measurement precision. Based on this performance, the caprolactam results from MW-03, MW-05R, MW-07 and the DUP and the nitrobenzene and 2,4-dichlorophenol results from MW-08 have been qualified as estimations.

Duplicates

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

The field split duplicate sample that was included in this delivery group was not identified.

Reported Analytes

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument printouts. Reference mass spectra were provided to confirm the identification of each analyte that was found in this group of samples. Tentatively identified compounds (TIC) were not reported.

SEMIVOLATILE ORGANICS-SEM

This group of samples was extracted for SVOC-SIM analysis on 08Sep24 and 10Sep24, and the extracts were analyzed on 10Sep24

and 11Sep24. The program holding time requirements were satisfied.

Blanks

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

Two method blanks were analyzed with this group of samples. Both of these blanks produced acceptable chromatography and were free of targeted analyte contamination.

MS Tuning

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of DFTPP was analyzed prior to each analytical sequence that contained samples from this program. An Instrument Performance Check Form is present for each DFTPP evaluation. It is noted that the abundance reported for m/e=51, m/e=127 and m/e=443 did not meet the method requirements on 10Sep24 and 11Sep24. It is also noted, however, that this performance had no negative impact on reported data.

Calibration

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

Initial instrument calibrations were performed on 25Jun24. Concentrations of 1.0, 2.0, 5.0, 10, 40, 100, 500, 1000 and 2500 µg/ml were included. Each analyte targeted by this program produced the required levels of instrument response and demonstrated an acceptable degree of linearity during this calibration.

Calibration verifications were performed on 10Sep24 and 11Sep24, prior to the 12-hour periods of instrument operation that included samples from this program. When compared to the initial instrument calibration, each targeted analyte demonstrated an acceptable level of instrument stability.

Surrogates

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared, based on the laboratory's statistical acceptance criteria. When compared to the program requirements, however, unacceptably low recoveries were reported for the 2-fluorophenol addition to every sample except MW-03. A low recovery was also reported for the 2,4,6-tribromophenol addition to MW-08. Based on these indications of negative bias, the SVOC-SIM results from MW-05R, MW-07, MW-08 and the DUP have been qualified as estimations.

Internal Standards

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, acceptable performance was indicated for the internal standard additions to each program sample.

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

MW-08 was selected for matrix spiking. Each targeted SVOC-SIM analyte was added to two aliquots of this sample. The recoveries obtained from these spikes demonstrated acceptable levels of measurement precision and accuracy.

Duplicates

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

The field split duplicate sample that was included in this delivery group was not identified.

Reported Analytes

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument printouts. Reference mass spectra were provided to confirm the identification of each analyte that was found in this group of samples. Tentatively identified compounds (TIC) were not reported.

METALS

This group of samples was digested for ICP metals and mercury analysis on 10Sep24. The digestates were then analyzed for ICP metals between 11Sep243 and 12Sep24. Mercury determinations were completed on 11Sep24. The SW-846 holding time limitations were satisfied.

Calibrations

Calibration curves are constructed, using certified materials, to define the linear range of each analytical instrument. Beyond this range, measurements cannot be made with confidence. The calibration curve is immediately tested by analyzing an initial calibration verification standard (ICV). Continuing verifications (CCV) must bracket each group of up to ten samples. ICV and CCV recoveries must meet established criteria.

Each instrument calibration was immediately verified by the analysis of an ICV standard. Continuing calibration checks were made following each group of 10 samples. Each of these check standards produced acceptable recoveries of each targeted metal.

Contract Required Detection Limit Standards (CRDL)

To verify instrument linearity near CRDL (RL), an ICP standard at a concentration of twice CRDL (CRI) is analyzed at the beginning and end of each analytical sequence. A standard equaling CRDL (CRA) must be included in each atomic adsorption sequence. CRDL standards must produce recoveries between 70% and 130%.

It is noted that a CRDL standard was not included in the laboratory's analysis sequence.

Blanks

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Preparation blanks are carried through the digestion process with each group of samples to evaluate general laboratory technique. Calibration blanks are run periodically to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

An initial blank (ICB) was analyzed following the calibration in each analytical sequence. Additional blanks were analyzed after every ten samples (CCB) and at the end of each sequence. Preparation blanks were digested and analyzed with this group of samples. Each of these laboratory prepared blanks was free of targeted analyte contamination exceeding the laboratory's reporting limit.

Interference Check Sample (ICS)

ICS standards are analyzed at the beginning and end of each ICP-AES analysis sequence to verify background and inter-element

correction factors. The recoveries of specified analytes are measured in the presence of interfering concentrations of aluminum, calcium, magnesium and iron.

It is noted that an ICSAB Interference check standard was not included in the laboratory's analysis sequence.

Predigestion Spikes

The recovery of spike concentrations added to samples prior to digestion and analysis demonstrates measurement bias caused by sample matrix effects. Predigestion spikes must be recovered within control limits of 75% - 125%.

MW-08 was selected for matrix spiking. Each targeted metal was added to two aliquots of this sample. The recoveries reported for these spikes demonstrated acceptable levels of measurement precision and accuracy.

Duplicates

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

Although a program sample was not analyzed in duplicate, the previously addressed spiked samples (MS/MSD) did provide an evaluation of measurement precision. These measurements produced excellent results.

The field split duplicate sample that was included in this delivery group was not identified.

Laboratory Control Standard

Laboratory control samples are prepared by adding analytes to clean sand or reagent water. Analyte concentrations are then determined without interferences caused by sample matrix effects.

A spiked blank (LCS) was digested and analyzed for mercury and each ICP metal. Each of these LCS samples produced acceptable analyte recoveries.

Serial Dilution Sample

Possible matrix effects are verified by the process of serial dilutions. Samples are diluted 1:5 to reduce matrix contributions that might bias measurements. The original sample result, and the corrected concentration of the diluted sample are compared. Sample data is qualified if the original concentrations are not recovered within 10%. Analytes with initial concentrations below 50 times IDL are not considered.

A serial dilution sample was not prepared and included in the laboratory's analysis sequence.

SUMMARY OF QUALIFIED DATA

FRANCZYK PARK

SAMPLED: 09/04/2024

	BLANK PHTHALATE	CALIBRATE CAL1*	CALIBRATE PARATHION	SURROGATES SVOC	SPIKE 4-NITROPHENOL	SPIKE CAPROLACTAM
MW-03 (L2450217-01)		ALL J/UJ				10UJ
MW-05R L2450217-02)		ALL J/UJ				10UJ
MW-07)(L2450217-03)		ALL J/UJ				10UJ
MW-08 (L2450217-04)	2.0J		ALL J/UJ	ALL J/UJ	10UJ	
DUP (L2450217-05)		ALL J/UJ				10UJ

CAL1* = 2-methylphenol, 2,6-dinitrotoluene

	SPIKES MS1*	SURROGATES SVOC SIM
MW-03 (L2450217-01)		
MW-05R L2450217-02)		ALL UJ
MW-07)(L2450217-03)		ALL UJ
MW-08 (L2450217-04)	ALL UJ	ALL J/UJ
DUP (L2450217-05)		ALL J/UJ

MS1* = nitrobenzene, 2,4-dichlorophenol

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-01	Date Collected	: 09/04/24 10:35
Client ID	: MW-03	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/10/24 07:58
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 50217-01	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	~~ND~~ UJ	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-01	Date Collected	: 09/04/24 10:35
Client ID	: MW-03	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/10/24 07:58
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 50217-01	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	3.5	5.0	0.35	J
95-48-7	2-Methylphenol	~~ND~~ UJ	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	9.1	5.0	1.4	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	~~ND~~ UJ	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-01	Date Collected	: 09/04/24 10:35
Client ID	: MW-03	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/10/24 07:58
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 50217-01	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-01	Date Collected	: 09/04/24 10:35
Client ID	: MW-03	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/10/24 10:43
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 50217-01	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.07	0.10	0.02	J
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	0.04	0.10	0.03	J
85-01-8	Phenanthrene	0.09	0.10	0.04	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Form 1
METALS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-01	Date Collected	: 09/04/24 10:35
Client ID	: MW-03	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/11/24 16:28
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1970087.csv	Instrument ID	: ICPMSRQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/10/24

CAS NO.	Parameter	mg/l Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	405.	0.0500	0.0164	
7440-36-0	Antimony, Total	ND	0.02000	0.00214	U
7440-38-2	Arsenic, Total	0.00236	0.00250	0.00082	J
7440-39-3	Barium, Total	0.01822	0.00250	0.00086	
7440-41-7	Beryllium, Total	0.02333	0.00250	0.00053	
7440-43-9	Cadmium, Total	ND	0.00100	0.00029	U
7440-70-2	Calcium, Total	404.	0.500	0.197	
7440-47-3	Chromium, Total	0.05071	0.00500	0.00089	
7440-48-4	Cobalt, Total	0.02016	0.00250	0.00081	
7440-50-8	Copper, Total	ND	0.00500	0.00192	U
7439-92-1	Lead, Total	ND	0.00500	0.00171	U
7439-96-5	Manganese, Total	29.63	0.00500	0.00220	
7440-02-0	Nickel, Total	0.04598	0.01000	0.00278	
7440-09-7	Potassium, Total	179.	0.500	0.154	
7782-49-2	Selenium, Total	0.159	0.0250	0.00865	
7440-22-4	Silver, Total	ND	0.00200	0.00081	U
7440-23-5	Sodium, Total	144.	0.500	0.146	
7440-28-0	Thallium, Total	ND	0.00500	0.00071	U
7440-62-2	Vanadium, Total	0.07149	0.02500	0.00785	
7440-66-6	Zinc, Total	0.02236	0.05000	0.01705	J

Form 1
METALS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-01	Date Collected	: 09/04/24 10:35
Client ID	: MW-03	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/12/24 14:36
Sample Matrix	: WATER	Dilution Factor	: 50
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1970644.pdf	Instrument ID	: ICPMSRQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/10/24

CAS NO.	Parameter	mg/l Results	RL	MDL	Qualifier
7439-89-6	Iron, Total	2110	2.50	0.955	
7439-95-4	Magnesium, Total	996.	3.50	1.21	

Form 1
METALS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-01	Date Collected	: 09/04/24 10:35
Client ID	: MW-03	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/11/24 12:13
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MJR
Lab File ID	: WG1970193.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/10/24

CAS NO.	Parameter	mg/l Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-02	Date Collected	: 09/04/24 12:00
Client ID	: MW-05R	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/10/24 08:22
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 50217-02	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	~~ND~~ UJ	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-02	Date Collected	: 09/04/24 12:00
Client ID	: MW-05R	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/10/24 08:22
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 50217-02	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	1.1	5.0	0.35	J
95-48-7	2-Methylphenol	~~ND~~ UJ	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	~~ND~~ UJ	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-02	Date Collected	: 09/04/24 12:00
Client ID	: MW-05R	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/10/24 08:22
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 50217-02	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-02	Date Collected	: 09/04/24 12:00
Client ID	: MW-05R	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/10/24 10:59
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 50217-02	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Form 1
METALS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-02	Date Collected	: 09/04/24 12:00
Client ID	: MW-05R	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/11/24 17:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1970087.csv	Instrument ID	: ICPMSRQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/10/24

CAS NO.	Parameter	mg/l Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.0539	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00184	0.00050	0.00016	
7440-39-3	Barium, Total	0.05846	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	113.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00029	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00044	0.00050	0.00016	J
7440-50-8	Copper, Total	0.00126	0.00100	0.00038	
7439-89-6	Iron, Total	0.434	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	39.8	0.0700	0.0242	
7439-96-5	Manganese, Total	0.1791	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00117	0.00200	0.00055	J
7440-09-7	Potassium, Total	8.82	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	59.5	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	0.00171	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.05185	0.01000	0.00341	

Form 1
METALS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-02	Date Collected	: 09/04/24 12:00
Client ID	: MW-05R	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/11/24 12:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MJR
Lab File ID	: WG1970193.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/10/24

CAS NO.	Parameter	mg/l Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-03	Date Collected	: 09/04/24 11:15
Client ID	: MW-07	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/10/24 08:45
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 50217-03	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND UJ	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

JAS

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-03	Date Collected	: 09/04/24 11:15
Client ID	: MW-07	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/10/24 08:45
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 50217-03	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	6.8	5.0	0.35	
95-48-7	2-Methylphenol	~~ND~~ UJ	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	~~ND~~ UJ	10	1.2	U

JMS

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-03	Date Collected	: 09/04/24 11:15
Client ID	: MW-07	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/10/24 08:45
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 50217-03	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-03	Date Collected	: 09/04/24 11:15
Client ID	: MW-07	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/10/24 11:16
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 50217-03	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Form 1
METALS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-03	Date Collected	: 09/04/24 11:15
Client ID	: MW-07	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/12/24 14:50
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1970644.pdf	Instrument ID	: ICPMSRQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/10/24

CAS NO.	Parameter	mg/l Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.130	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00791	0.00050	0.00016	
7440-39-3	Barium, Total	0.02761	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-47-3	Chromium, Total	0.00105	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00312	0.00050	0.00016	
7440-50-8	Copper, Total	0.00190	0.00100	0.00038	
7439-89-6	Iron, Total	15.9	0.0500	0.0191	
7439-92-1	Lead, Total	0.00047	0.00100	0.00034	J
7439-96-5	Manganese, Total	6.351	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00132	0.00200	0.00055	J
7440-09-7	Potassium, Total	23.6	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	63.2	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	0.00179	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.00419	0.01000	0.00341	J

Form 1
METALS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-03	Date Collected	: 09/04/24 11:15
Client ID	: MW-07	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/12/24 14:54
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1970644.pdf	Instrument ID	: ICPMSRQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/10/24

CAS NO.	Parameter	mg/l Results	RL	MDL	Qualifier
7440-70-2	Calcium, Total	522.	1.00	0.394	
7439-95-4	Magnesium, Total	135.	0.700	0.242	

7/8/2

Form 1
METALS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-03	Date Collected	: 09/04/24 11:15
Client ID	: MW-07	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/11/24 12:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MJR
Lab File ID	: WG1970193.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/10/24

CAS NO.	Parameter	mg/l Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-04	Date Collected	: 09/04/24 10:00
Client ID	: MW-08	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/11/24 04:36
Sample Matrix	: WATER	Date Extracted	: 09/10/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 50217-04	Analyst	: LJG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.0 J	3.0	1.4	J
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-04	Date Collected	: 09/04/24 10:00
Client ID	: MW-08	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/11/24 04:36
Sample Matrix	: WATER	Date Extracted	: 09/10/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 50217-04	Analyst	: LJG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	2.2	5.0	0.35	J
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-04	Date Collected	: 09/04/24 10:00
Client ID	: MW-08	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/11/24 04:36
Sample Matrix	: WATER	Date Extracted	: 09/10/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 50217-04	Analyst	: LJG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	~~ND~~ UJ	5.0	2.2	U

JNS

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-04	Date Collected	: 09/04/24 10:00
Client ID	: MW-08	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/11/24 13:29
Sample Matrix	: WATER	Date Extracted	: 09/10/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 50217-04	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.11 J	0.10	0.02	
91-58-7	2-Chloronaphthalene	ND UJ	0.20	0.02	U
206-44-0	Fluoranthene	0.72 J	0.10	0.03	
87-68-3	Hexachlorobutadiene	ND UJ	0.50	0.02	U
91-20-3	Naphthalene	ND UJ	0.10	0.02	U
56-55-3	Benzo(a)anthracene	0.32 J	0.10	0.03	
50-32-8	Benzo(a)pyrene	0.41 J	0.10	0.02	
205-99-2	Benzo(b)fluoranthene	0.53 J	0.10	0.03	
207-08-9	Benzo(k)fluoranthene	0.22 J	0.10	0.03	
218-01-9	Chrysene	0.28 J	0.10	0.03	
208-96-8	Acenaphthylene	0.04 J	0.10	0.02	J
120-12-7	Anthracene	0.09 J	0.10	0.02	J
191-24-2	Benzo(ghi)perylene	0.34 J	0.10	0.02	
86-73-7	Fluorene	0.05 J	0.10	0.03	J
85-01-8	Phenanthrene	0.30 J	0.10	0.04	
53-70-3	Dibenzo(a,h)anthracene	0.08 J	0.10	0.02	J
193-39-5	Indeno(1,2,3-cd)pyrene	0.32 J	0.10	0.02	
129-00-0	Pyrene	0.59 J	0.10	0.04	
91-57-6	2-Methylnaphthalene	~~ND~~ UJ	0.10	0.03	U
87-86-5	Pentachlorophenol	~~ND~~ UJ	0.80	0.06	U
118-74-1	Hexachlorobenzene	0.02 J	0.80	0.01	J
67-72-1	Hexachloroethane	~~ND~~ UJ	0.80	0.02	U

Form 1
METALS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-04	Date Collected	: 09/04/24 10:00
Client ID	: MW-08	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/11/24 16:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1970087.csv	Instrument ID	: ICPMSRQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/10/24

CAS NO.	Parameter	mg/l Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.202	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00137	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.01578	0.00050	0.00016	
7440-39-3	Barium, Total	0.03271	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-47-3	Chromium, Total	0.00079	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00037	0.00050	0.00016	J
7440-50-8	Copper, Total	0.00191	0.00100	0.00038	
7439-89-6	Iron, Total	11.8	0.0500	0.0191	
7439-92-1	Lead, Total	0.06561	0.00100	0.00034	
7439-95-4	Magnesium, Total	71.1	0.0700	0.0242	
7439-96-5	Manganese, Total	0.8330	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00081	0.00200	0.00055	J
7440-09-7	Potassium, Total	26.9	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	10.8	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.01618	0.01000	0.00341	

Form 1
METALS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-04	Date Collected	: 09/04/24 10:00
Client ID	: MW-08	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/12/24 13:53
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1970644.pdf	Instrument ID	: ICPMSRQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/10/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-70-2	Calcium, Total	575.	1.00	0.394	

Form 1
METALS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-04	Date Collected	: 09/04/24 10:00
Client ID	: MW-08	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/11/24 11:51
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MJR
Lab File ID	: WG1970193.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/10/24

CAS NO.	Parameter	mg/l Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-05	Date Collected	: 09/04/24 00:00
Client ID	: DUP	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/10/24 10:20
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 50217-05	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	~~ND~~ UJ	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-05	Date Collected	: 09/04/24 00:00
Client ID	: DUP	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/10/24 10:20
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 50217-05	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	2.6	5.0	0.35	J
95-48-7	2-Methylphenol	~~ND~~ UJ	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	~~ND~~ UJ	10	1.2	U

JMS

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-05	Date Collected	: 09/04/24 00:00
Client ID	: DUP	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/10/24 10:20
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 50217-05	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-05	Date Collected	: 09/04/24 00:00
Client ID	: DUP	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/10/24 11:49
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 50217-05	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.10 J	0.10	0.02	J
91-58-7	2-Chloronaphthalene	ND UJ	0.20	0.02	U
206-44-0	Fluoranthene	0.50 J	0.10	0.03	
87-68-3	Hexachlorobutadiene	~~ND~~ UJ	0.50	0.02	U
91-20-3	Naphthalene	~~ND~~ UJ	0.10	0.02	U
56-55-3	Benzo(a)anthracene	0.22 J	0.10	0.03	
50-32-8	Benzo(a)pyrene	0.28 J	0.10	0.02	
205-99-2	Benzo(b)fluoranthene	0.36 J	0.10	0.03	
207-08-9	Benzo(k)fluoranthene	0.14 J	0.10	0.03	
218-01-9	Chrysene	0.20 J	0.10	0.03	
208-96-8	Acenaphthylene	~~ND~~ UJ	0.10	0.02	U
120-12-7	Anthracene	0.08 J	0.10	0.02	J
191-24-2	Benzo(ghi)perylene	0.25 J	0.10	0.02	
86-73-7	Fluorene	0.05 J	0.10	0.03	J
85-01-8	Phenanthrene	0.23 J	0.10	0.04	
53-70-3	Dibenzo(a,h)anthracene	0.06 J	0.10	0.02	J
193-39-5	Indeno(1,2,3-cd)pyrene	0.23 J	0.10	0.02	
129-00-0	Pyrene	0.41 J	0.10	0.04	
91-57-6	2-Methylnaphthalene	~~ND~~ UJ	0.10	0.03	U
87-86-5	Pentachlorophenol	~~ND~~ UJ	0.80	0.06	U
118-74-1	Hexachlorobenzene	~~ND~~ UJ	0.80	0.01	U
67-72-1	Hexachloroethane	~~ND~~ UJ	0.80	0.02	U

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Form 1
METALS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-05	Date Collected	: 09/04/24 00:00
Client ID	: DUP	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/12/24 14:59
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1970644.pdf	Instrument ID	: ICPMSRQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/10/24

CAS NO.	Parameter	mg/l Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.276	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00108	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.01369	0.00050	0.00016	
7440-39-3	Barium, Total	0.03580	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-47-3	Chromium, Total	0.00095	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00037	0.00050	0.00016	J
7440-50-8	Copper, Total	0.00364	0.00100	0.00038	
7439-89-6	Iron, Total	13.4	0.0500	0.0191	
7439-92-1	Lead, Total	0.08192	0.00100	0.00034	
7439-95-4	Magnesium, Total	58.8	0.0700	0.0242	
7439-96-5	Manganese, Total	0.8812	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00098	0.00200	0.00055	J
7440-09-7	Potassium, Total	26.9	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	9.28	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	0.00251	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.02445	0.01000	0.00341	

Form 1
METALS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-05	Date Collected	: 09/04/24 00:00
Client ID	: DUP	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/12/24 15:04
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1970644.pdf	Instrument ID	: ICPMSRQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/10/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-70-2	Calcium, Total	548.	1.00	0.394	

Form 1
METALS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: L2450217-05	Date Collected	: 09/04/24 00:00
Client ID	: DUP	Date Received	: 09/04/24
Sample Location	: BUFFALO, NY	Date Analyzed	: 09/11/24 12:23
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MJR
Lab File ID	: WG1970193.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/10/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: FRANCZYK PARK

Lab Number: L2450217
Project Number:
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
MW-03 (L2450217-01)	49	38	80	62	62	72	0
MW-05R (L2450217-02)	40	37	75	64	43	75	0
MW-07 (L2450217-03)	45	32	61	58	63	74	0
MW-08 (L2450217-04)	11*	14	63	73	21	82	1
DUP (L2450217-05)	43	38	71	67	54	83	0
WG1968879-1BLANK	33	25	79	70	46	84	0
WG1968879-2LCS	56	42	81	66	74	76	0
WG1968879-3LCSD	63	48	79	73	84	75	0
WG1969852-1BLANK	39	27	59	70	57	76	0
WG1969852-2LCS	45	29	89	78	57	83	0
WG1969852-3LCSD	44	29	68	66	57	71	0
MW-08MS	23	19	63	78	44	82	0
MW-08MSD	20*	17	67	76	37	80	1

QC LIMITS

(21-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(15-120) FBP = 2-FLUOROBIPHENYL
(10-120) TBP = 2,4,6-TRIBROMOPHENOL
(41-149) TPH = 4-TERPHENYL-D14

* Values outside of QC limits

FORM II NYTCL-8270-RVT

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1968879-2	Analysis Date : 09/10/24 03:15	File ID : 968879-2
LCSD Sample ID	: WG1968879-3	Analysis Date : 09/10/24 03:38	File ID : 968879-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	20	14.	73	20	16.	83	13	40-140	30
3,3'-Dichlorobenzidine	20	14.	73	20	14.	70	4	40-140	30
2,4-Dinitrotoluene	20	14.	68	20	14.	73	7	48-143	30
2,6-Dinitrotoluene	20	15.	77	20	16.	79	3	40-140	30
4-Chlorophenyl phenyl ether	20	15.	76	20	17.	85	11	40-140	30
4-Bromophenyl phenyl ether	20	16.	78	20	16.	82	5	40-140	30
Bis(2-chloroisopropyl)ether	20	12.	59	20	13.	66	11	40-140	30
Bis(2-chloroethoxy)methane	20	16.	79	20	16.	80	1	40-140	30
Hexachlorocyclopentadiene	20	8.0	40	20	8.7	44	10	40-140	30
Isophorone	20	17.	84	20	17.	86	2	40-140	30
Nitrobenzene	20	16.	78	20	16.	78	0	40-140	30
NDPA/DPA	20	15.	75	20	15.	76	1	40-140	30
n-Nitrosodi-n-propylamine	20	16.	82	20	18.	88	7	29-132	30
Bis(2-ethylhexyl)phthalate	20	16.	79	20	15.	75	5	40-140	30
Butyl benzyl phthalate	20	16.	82	20	15.	77	6	40-140	30
Di-n-butylphthalate	20	17.	86	20	16.	79	8	40-140	30
Di-n-octylphthalate	20	15.	77	20	15.	74	4	40-140	30
Diethyl phthalate	20	16.	78	20	15.	77	1	40-140	30
Dimethyl phthalate	20	16.	79	20	16.	79	0	40-140	30
Biphenyl	20	13.	66	20	13.	67	2	40-140	30
4-Chloroaniline	20	14.	69	20	15.	76	10	40-140	30
2-Nitroaniline	20	16.	80	20	16.	78	3	52-143	30
3-Nitroaniline	20	14.	72	20	16.	80	11	25-145	30
4-Nitroaniline	20	13.	67	20	14.	68	1	51-143	30
Dibenzofuran	20	14.	70	20	15.	75	7	40-140	30
1,2,4,5-Tetrachlorobenzene	20	13.	66	20	14.	70	6	2-134	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client : LaBella Associates, P.C. Lab Number : L2450217
Project Name : FRANCZYK PARK Project Number :
Matrix (Level) : WATER (LOW)
LCS Sample ID : WG1968879-2 Analysis Date : 09/10/24 03:15 File ID : 968879-2
LCSD Sample ID : WG1968879-3 Analysis Date : 09/10/24 03:38 File ID : 968879-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acetophenone	20	16.	79	20	17.	86	8	39-129	30
2,4,6-Trichlorophenol	20	16.	80	20	15.	76	5	30-130	30
p-Chloro-m-cresol	20	17.	86	20	18.	89	3	23-97	30
2-Chlorophenol	20	14.	70	20	16.	79	12	27-123	30
2,4-Dichlorophenol	20	16.	79	20	17.	83	5	30-130	30
2,4-Dimethylphenol	20	11.	55	20	12.	61	10	30-130	30
2-Nitrophenol	20	15.	76	20	15.	75	1	30-130	30
4-Nitrophenol	20	12.	61	20	12.	62	2	10-80	30
2,4-Dinitrophenol	20	11.	54	20	9.4	47	14	20-130	30
4,6-Dinitro-o-cresol	20	15.	77	20	15.	75	3	20-164	30
Phenol	20	9.1	45	20	9.5	48	6	12-110	30
2-Methylphenol	20	15.	76	20	15.	77	1	30-130	30
3-Methylphenol/4-Methylphenol	20	15.	77	20	16.	79	3	30-130	30
2,4,5-Trichlorophenol	20	15.	77	20	16.	82	6	30-130	30
Carbazole	20	15.	77	20	15.	76	1	55-144	30
Atrazine	20	14.	68	20	14.	69	1	40-140	30
Benzaldehyde	20	14.	68	20	15.	74	8	40-140	30
Caprolactam	20	5.1	26	20	4.9	24	8	10-130	30
2,3,4,6-Tetrachlorophenol	20	15.	75	20	17.	86	14	40-140	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1969852-2 Analysis Date : 09/11/24 01:12	File ID	: 969852-2
LCSD Sample ID	: WG1969852-3 Analysis Date : 09/11/24 01:37	File ID	: 969852-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	20	11.	57	20	12.	61	7	40-140	30
3,3'-Dichlorobenzidine	20	15.	74	20	14.	68	8	40-140	30
2,4-Dinitrotoluene	20	18.	88	20	17.	83	6	48-143	30
2,6-Dinitrotoluene	20	19.	94	20	18.	89	5	40-140	30
4-Chlorophenyl phenyl ether	20	16.	83	20	15.	74	11	40-140	30
4-Bromophenyl phenyl ether	20	14.	72	20	15.	76	5	40-140	30
Bis(2-chloroisopropyl)ether	20	19.	94	20	12.	58	47 Q	40-140	30
Bis(2-chloroethoxy)methane	20	21.	106	20	25.	126	17	40-140	30
Hexachlorocyclopentadiene	20	9.9	50	20	8.7	43	15	40-140	30
Isophorone	20	21.	106	20	20.	100	6	40-140	30
Nitrobenzene	20	20.	100	20	14.	73	31 Q	40-140	30
NDPA/DPA	20	17.	86	20	15.	75	14	40-140	30
n-Nitrosodi-n-propylamine	20	15.	75	20	14.	72	4	29-132	30
Bis(2-ethylhexyl)phthalate	20	21.	107	20	25.	123	14	40-140	30
Butyl benzyl phthalate	20	22.	110	20	20.	100	10	40-140	30
Di-n-butylphthalate	20	20.	99	20	19.	96	3	40-140	30
Di-n-octylphthalate	20	23.	114	20	22.	110	4	40-140	30
Diethyl phthalate	20	20.	98	20	18.	93	5	40-140	30
Dimethyl phthalate	20	19.	95	20	18.	89	7	40-140	30
Biphenyl	20	14.	69	20	12.	63	9	40-140	30
4-Chloroaniline	20	15.	77	20	14.	71	8	40-140	30
2-Nitroaniline	20	18.	90	20	18.	88	2	52-143	30
3-Nitroaniline	20	16.	81	20	16.	78	4	25-145	30
4-Nitroaniline	20	17.	85	20	16.	79	7	51-143	30
Dibenzofuran	20	15.	76	20	14.	70	8	40-140	30
1,2,4,5-Tetrachlorobenzene	20	13.	66	20	11.	57	15	2-134	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1969852-2 Analysis Date : 09/11/24 01:12	File ID	: 969852-2
LCSD Sample ID	: WG1969852-3 Analysis Date : 09/11/24 01:37	File ID	: 969852-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acetophenone	20	17.	87	20	14.	71	20	39-129	30
2,4,6-Trichlorophenol	20	18.	92	20	16.	79	15	30-130	30
p-Chloro-m-cresol	20	18.	92	20	16.	83	10	23-97	30
2-Chlorophenol	20	12.	63	20	14.	68	8	27-123	30
2,4-Dichlorophenol	20	20.	103	20	27.	133 Q	25	30-130	30
2,4-Dimethylphenol	20	19.	93	20	21.	105	12	30-130	30
2-Nitrophenol	20	21.	106	20	23.	114	7	30-130	30
4-Nitrophenol	20	11.	55	20	10.	52	6	10-80	30
2,4-Dinitrophenol	20	21.	107	20	20.	102	5	20-130	30
4,6-Dinitro-o-cresol	20	20.	100	20	19.	96	4	20-164	30
Phenol	20	5.6	28	20	6.1	30	7	12-110	30
2-Methylphenol	20	15.	77	20	12.	62	22	30-130	30
3-Methylphenol/4-Methylphenol	20	16.	81	20	13.	67	19	30-130	30
2,4,5-Trichlorophenol	20	20.	99	20	17.	87	13	30-130	30
Carbazole	20	18.	90	20	17.	86	5	55-144	30
Atrazine	20	17.	86	20	20.	99	14	40-140	30
Benzaldehyde	20	9.6	48	20	11.	56	15	40-140	30
Caprolactam	20	11.	55	20	11.	53	4	10-130	30
2,3,4,6-Tetrachlorophenol	20	18.	92	20	17.	83	10	40-140	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Client Sample ID	: MW-08	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2450217-04	Analysis Date	: 09/11/24 04:36
Matrix Spike	: WG1969852-4	MS Analysis Date	: 09/11/24 03:45
Matrix Spike Dup	: WG1969852-5	MSD Analysis Date	: 09/11/24 04:10

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	ND	20	12.	60	20	12.	60	0	40-140	30
3,3'-Dichlorobenzidine	ND	20	12.	60	20	12.	60	0	40-140	30
2,4-Dinitrotoluene	ND	20	17.	85	20	17.	85	0	48-143	30
2,6-Dinitrotoluene	ND	20	21.	110	20	20.	100	5	40-140	30
4-Chlorophenyl phenyl ether	ND	20	17.	85	20	16.	80	6	40-140	30
4-Bromophenyl phenyl ether	ND	20	19.	95	20	18.	90	5	40-140	30
Bis(2-chloroisopropyl)ether	ND	20	10.	50	20	11.	55	10	40-140	30
Bis(2-chloroethoxy)methane	ND	20	14.	70	20	14.	70	0	40-140	30
Hexachlorocyclopentadiene	ND	20	13.J	65	20	12.J	60	8	40-140	30
Isophorone	ND	20	15.	75	20	15.	75	0	40-140	30
Nitrobenzene	ND	20	14.	70	20	14.	70	0	40-140	30
NDPA/DPA	ND	20	17.	85	20	16.	80	6	40-140	30
n-Nitrosodi-n-propylamine	ND	20	13.	65	20	14.	70	7	29-132	30
Bis(2-ethylhexyl)phthalate	2.0J	20	22.	110	20	22.	110	0	40-140	30
Butyl benzyl phthalate	ND	20	22.	110	20	21.	110	5	40-140	30
Di-n-butylphthalate	ND	20	21.	110	20	20.	100	5	40-140	30
Di-n-octylphthalate	ND	20	22.	110	20	22.	110	0	40-140	30
Diethyl phthalate	ND	20	19.	95	20	19.	95	0	40-140	30
Dimethyl phthalate	ND	20	19.	95	20	19.	95	0	40-140	30
Biphenyl	ND	20	14.	70	20	14.	70	0	40-140	30
4-Chloroaniline	ND	20	12.	60	20	12.	60	0	40-140	30
2-Nitroaniline	ND	20	19.	95	20	19.	95	0	52-143	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Client Sample ID	: MW-08	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2450217-04	Analysis Date	: 09/11/24 04:36
Matrix Spike	: WG1969852-4	MS Analysis Date	: 09/11/24 03:45
Matrix Spike Dup	: WG1969852-5	MSD Analysis Date	: 09/11/24 04:10

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
3-Nitroaniline	ND	20	16.	80	20	16.	80	0	25-145	30
4-Nitroaniline	ND	20	16.	80	20	16.	80	0	51-143	30
Dibenzofuran	ND	20	15.	75	20	14.	70	7	40-140	30
1,2,4,5-Tetrachlorobenzene	ND	20	15.	75	20	14.	70	7	2-134	30
Acetophenone	ND	20	13.	65	20	14.	70	7	39-129	30
2,4,6-Trichlorophenol	ND	20	11.	55	20	8.7	44	23	30-130	30
p-Chloro-m-cresol	ND	20	14.	70	20	13.	65	7	23-97	30
2-Chlorophenol	ND	20	8.0	40	20	7.1	36	12	27-123	30
2,4-Dichlorophenol	ND	20	9.7	49	20	8.5	43	13	30-130	30
2,4-Dimethylphenol	ND	20	14.	70	20	12.	60	15	30-130	30
2-Nitrophenol	ND	20	9.3J	47	20	8.4J	42	10	30-130	30
4-Nitrophenol	ND	20	4.1J	21	20	4.6J	23	11	10-80	30
2,4-Dinitrophenol	ND	20	14.J	70	20	12.J	60	15	20-130	30
4,6-Dinitro-o-cresol	ND	20	12.	60	20	11.	55	9	20-164	30
Phenol	2.2J	20	8.7	44	20	6.5	33	29	12-110	30
2-Methylphenol	ND	20	9.9	50	20	9.9	50	0	30-130	30
3-Methylphenol/4-Methylphenol	ND	20	9.9	50	20	9.4	47	5	30-130	30
2,4,5-Trichlorophenol	ND	20	12.	60	20	9.8	49	20	30-130	30
Carbazole	ND	20	17.	85	20	17.	85	0	55-144	30
Atrazine	ND	20	23.	120	20	23.	120	0	40-140	30
Benzaldehyde	ND	20	12.	60	20	12.	60	0	40-140	30
Caprolactam	ND	20	11.	55	20	11.	55	0	10-130	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Client Sample ID	: MW-08	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2450217-04	Analysis Date	: 09/11/24 04:36
Matrix Spike	: WG1969852-4	MS Analysis Date	: 09/11/24 03:45
Matrix Spike Dup	: WG1969852-5	MSD Analysis Date	: 09/11/24 04:10

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
2,3,4,6-Tetrachlorophenol	ND	20	11.	55 ✓	20	8.6	43 ✓	24	40-140	30

Method Blank Summary
Form 4
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab Sample ID	: WG1968879-1	Lab File ID	: 968879-1
Instrument ID	: SV106	Extraction Date	: 09/08/24
Matrix	: WATER	Analysis Date	: 09/10/24 02:51
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1968879-2LCS	WG1968879-2	09/10/24 03:15
WG1968879-3LCSD	WG1968879-3	09/10/24 03:38
MW-03	L2450217-01	09/10/24 07:58
MW-05R	L2450217-02	09/10/24 08:22
MW-07	L2450217-03	09/10/24 08:45
DUP	L2450217-05	09/10/24 10:20

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: WG1968879-1	Date Collected	: NA
Client ID	: WG1968879-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/10/24 02:51
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 968879-1	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: WG1968879-1	Date Collected	: NA
Client ID	: WG1968879-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/10/24 02:51
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 968879-1	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: WG1968879-1	Date Collected	: NA
Client ID	: WG1968879-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/10/24 02:51
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 968879-1	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Method Blank Summary
Form 4
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab Sample ID	: WG1969852-1	Lab File ID	: 969852-1
Instrument ID	: SV107	Extraction Date	: 09/10/24
Matrix	: WATER	Analysis Date	: 09/10/24 23:56
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1969852-2LCS	WG1969852-2	09/11/24 01:12
WG1969852-3LCSD	WG1969852-3	09/11/24 01:37
MW-08MS	WG1969852-4	09/11/24 03:45
MW-08MSD	WG1969852-5	09/11/24 04:10
MW-08	L2450217-04	09/11/24 04:36

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: WG1969852-1	Date Collected	: NA
Client ID	: WG1969852-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/10/24 23:56
Sample Matrix	: WATER	Date Extracted	: 09/10/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 969852-1	Analyst	: LJG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: WG1969852-1	Date Collected	: NA
Client ID	: WG1969852-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/10/24 23:56
Sample Matrix	: WATER	Date Extracted	: 09/10/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 969852-1	Analyst	: LJG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: WG1969852-1	Date Collected	: NA
Client ID	: WG1969852-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/10/24 23:56
Sample Matrix	: WATER	Date Extracted	: 09/10/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 969852-1	Analyst	: LJG
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV106	Analysis Date	: 06/24/24 16:32
Tune Standard	: R1845372-31	Tune File ID	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	41.3
68	Less than 2.0% of mass 69	0.8 (1.7)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	46.2
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7.2
275	10.0 - 60.0% of Base Peak	25.9
365	Greater than 1.0% of mass 198	3.1
441	Present, but less than 24% of mass 442	16.5
442	Base Peak, or >50% of mass 198	59.9
443	15.0 - 24.0% of mass 442	11.7 (19.6)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL9	R1845372-9	ABNL9	06/24/24 16:56
ABNL8	R1845372-8	ABNL8	06/24/24 17:20
ABNL7	R1845372-7	ABNL7	06/24/24 17:43
ABNL6	R1845372-6	ABNL6	06/24/24 18:07
ABNL5	R1845372-5	ABNL5	06/24/24 18:31
ABNL4	R1845372-4	ABNL4	06/24/24 18:54
ABNL3	R1845372-3	ABNL3	06/24/24 19:18
ABNL2	R1845372-2	ABNL2	06/24/24 19:42
ABNL1	R1845372-1	ABNL1	06/24/24 20:05
AP9L9	R1845372-27	AP9L9	06/24/24 20:29
AP9L8	R1845372-26	AP9L8	06/24/24 20:53
AP9L7	R1845372-25	AP9L7	06/24/24 21:16
AP9L6	R1845372-24	AP9L6	06/24/24 21:40
AP9L5	R1845372-23	AP9L5	06/24/24 22:04
AP9L4	R1845372-22	AP9L4	06/24/24 22:28
AP9L3	R1845372-21	AP9L3	06/24/24 22:52
AP9L2	R1845372-20	AP9L2	06/24/24 23:15
AP9L1	R1845372-19	AP9L1	06/24/24 23:39
ABN ICV Quant Report	R1845372-28	ABNICV	06/25/24 00:03
AP9 ICV Quant Report	R1845372-30	AP9ICV	06/25/24 00:27

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV106	Analysis Date	: 06/25/24 00:51
Tune Standard	: R1845372-32	Tune File ID	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	38.4
68	Less than 2.0% of mass 69	0.7 (1.7)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	44.6
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	26.6
365	Greater than 1.0% of mass 198	3.1
441	Present, but less than 24% of mass 442	16.3
442	Base Peak, or >50% of mass 198	62.7
443	15.0 - 24.0% of mass 442	12.2 (19.4)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL9	R1845372-18	ADPL9	06/25/24 01:14
ADPL8	R1845372-17	ADPL8	06/25/24 01:38
ADPL7	R1845372-16	ADPL7	06/25/24 02:02
ADPL6	R1845372-14	ADPL6	06/25/24 02:26
ADPL5	R1845372-15	ADPL5	06/25/24 02:49
ADPL4	R1845372-12	ADPL4	06/25/24 03:13
ADPL3	R1845372-13	ADPL3	06/25/24 03:37
ADPL2	R1845372-11	ADPL2	06/25/24 04:01
ADPL1	R1845372-10	ADPL1	06/25/24 04:24
ADP ICV Quant Report	R1845372-29	ADPICV	06/25/24 04:48

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV106	Analysis Date	: 09/09/24 22:55
Tune Standard	: WG1968644-1	Tune File ID	: DEG0909n_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	34.3
68	Less than 2.0% of mass 69	0.4 (1.1)1
69		100
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	41.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	27.8
365	Greater than 1.0% of mass 198	3.4
441	Present, but less than 24% of mass 442	15.6
442	Base Peak, or >50% of mass 198	83.7
443	15.0 - 24.0% of mass 442	16.1 (19.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1968644-6TFACTOR-P	WG1968644-6	DEG0909N	09/09/24 22:55
WG1968644-7TFACTOR-B	WG1968644-7	DEG0909N	09/09/24 22:55
WG1968644-3CCAL	WG1968644-3	ABN0909N	09/09/24 23:19
WG1968644-4CCAL	WG1968644-4	AP90909N	09/09/24 23:42
WG1968644-5CCAL	WG1968644-5	ADP0909N	09/10/24 00:06
WG1968879-1BLANK	WG1968879-1	968879-1	09/10/24 02:51
WG1968879-2LCS	WG1968879-2	968879-2	09/10/24 03:15
WG1968879-3LCSD	WG1968879-3	968879-3	09/10/24 03:38
MW-03	L2450217-01	50217-01	09/10/24 07:58
MW-05R	L2450217-02	50217-02	09/10/24 08:22
MW-07	L2450217-03	50217-03	09/10/24 08:45
DUP	L2450217-05	50217-05	09/10/24 10:20

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV107	Analysis Date	: 07/30/24 19:00
Tune Standard	: R1859825-31	Tune File ID	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	33.5
68	Less than 2.0% of mass 69	0.5 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	45.1
197	Less than 2.0% of mass 198	0.8
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	21.7
365	Greater than 1.0% of mass 198	2.4
441	Present, but less than 24% of mass 442	16.2
442	Base Peak, or >50% of mass 198	85
443	15.0 - 24.0% of mass 442	16.9 (19.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL9	R1859825-9	ABNL9	07/30/24 19:25
ABNL8	R1859825-8	ABNL8	07/30/24 19:51
ABNL7	R1859825-7	ABNL7	07/30/24 20:16
ABNL6	R1859825-5	ABNL6	07/30/24 20:42
ABNL5	R1859825-6	ABNL5	07/30/24 21:08
ABNL4	R1859825-4	ABNL4	07/30/24 21:33
ABNL3	R1859825-3	ABNL3	07/30/24 21:59
ABNL2	R1859825-2	ABNL2	07/30/24 22:24
ABNL1	R1859825-1	ABNL1	07/30/24 22:50
AP9L9	R1859825-27	AP9L9	07/30/24 23:15
AP9L8	R1859825-26	AP9L8	07/30/24 23:40
AP9L7	R1859825-24	AP9L7	07/31/24 00:06
AP9L6	R1859825-25	AP9L6	07/31/24 00:31
AP9L5	R1859825-23	AP9L5	07/31/24 00:57
AP9L4	R1859825-21	AP9L4	07/31/24 01:22
AP9L3	R1859825-22	AP9L3	07/31/24 01:47
AP9L2	R1859825-20	AP9L2	07/31/24 02:13
AP9L1	R1859825-19	AP9L1	07/31/24 02:38
ABN ICV Quant Report	R1859825-28	ABNICV	07/31/24 03:03
AP9 ICV Quant Report	R1859825-30	AP9ICV	07/31/24 03:29

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV107	Analysis Date	: 07/31/24 03:54
Tune Standard	: R1859825-32	Tune File ID	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	30.9
68	Less than 2.0% of mass 69	0.4 (1.4)1
69		100
70	Less than 2.0% of mass 69	0.1 (.5)1
127	10.0 - 80.0% of Base Peak	44.1
197	Less than 2.0% of mass 198	0.7
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	22
365	Greater than 1.0% of mass 198	2.5
441	Present, but less than 24% of mass 442	17
442	Base Peak, or >50% of mass 198	85
443	15.0 - 24.0% of mass 442	17 (19.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL9	R1859825-18	ADPL9	07/31/24 04:19
ADPL8	R1859825-17	ADPL8	07/31/24 04:45
ADPL7	R1859825-16	ADPL7	07/31/24 05:10
ADPL6	R1859825-15	ADPL6	07/31/24 05:35
ADPL5	R1859825-14	ADPL5	07/31/24 06:01
ADPL4	R1859825-12	ADPL4	07/31/24 06:26
ADPL3	R1859825-13	ADPL3	07/31/24 06:52
ADPL2	R1859825-11	ADPL2	07/31/24 07:17
ADPL1	R1859825-10	ADPL1	07/31/24 07:43
ADP ICV Quant Report	R1859825-29	ADPICV	07/31/24 08:08

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV107	Analysis Date	: 09/10/24 22:15
Tune Standard	: WG1969982-1	Tune File ID	: DEG0910_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	33.1
68	Less than 2.0% of mass 69	0.6 (1.7)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	46.8
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	20
365	Greater than 1.0% of mass 198	2
441	Present, but less than 24% of mass 442	16.4
442	Base Peak, or >50% of mass 198	56
443	15.0 - 24.0% of mass 442	11.3 (20.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1969982-6TFACTOR-P	WG1969982-6	DEG0910	09/10/24 22:15
WG1969982-7TFACTOR-B	WG1969982-7	DEG0910	09/10/24 22:15
WG1969982-3CCAL	WG1969982-3	ABN0910	09/10/24 22:40
WG1969982-4CCAL	WG1969982-4	AP90910	09/10/24 23:05
WG1969982-5CCAL	WG1969982-5	ADP0910	09/10/24 23:31
WG1969852-1BLANK	WG1969852-1	969852-1	09/10/24 23:56
WG1969852-2LCS	WG1969852-2	969852-2	09/11/24 01:12
WG1969852-3LCSD	WG1969852-3	969852-3	09/11/24 01:37
WG1969852-4MS	WG1969852-4	969852-4	09/11/24 03:45
WG1969852-5MSD	WG1969852-5	969852-5	09/11/24 04:10
MW-08	L2450217-04	50217-04	09/11/24 04:36

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV106	Analysis Date	: 09/09/24 23:19:00
Sample No	: WG1968644-3	Lab File ID	: ABN0909N

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1968644-3	29408	5.91	103126	7.40	67620	9.16
Upper Limit	58816	6.41	206252	7.90	135240	9.66
Lower Limit	14704	5.41	51563	6.90	33810	8.66
Sample ID						
WG1968644-4 CCAL	35778	5.91	126202	7.40	83428	9.16
WG1968644-5 CCAL	36164	5.91	-	-	81551	9.16
WG1968879-1 BLANK	24478	5.91	87332	7.40	54859	9.17
WG1968879-2 LCS	27982	5.91	100925	7.40	66750	9.17
WG1968879-3 LCSD	26363	5.91	96865	7.40	63651	9.17
MW-03	26439	5.91	98420	7.40	68490	9.17
MW-05R	28245	5.91	99728	7.40	64238	9.17
MW-07	26609	5.91	97307	7.40	63572	9.17
DUP	25949	5.91	93002	7.40	62835	9.17

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV106	Analysis Date	: 09/09/24 23:19:00
Sample No	: WG1968644-3	Lab File ID	: ABN0909N

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1968644-3	136945	10.59	143932	13.17	167404	14.60
Upper Limit	273890	11.09	287864	13.67	334808	15.10
Lower Limit	68473	10.09	71966	12.67	83702	14.10
Sample ID						
WG1968644-4 CCAL	179931	10.59	-	-	-	-
WG1968644-5 CCAL	173380	10.59	-	-	-	-
WG1968879-1 BLANK	111708	10.59	116895	13.17	126032	14.60
WG1968879-2 LCS	125376	10.59	133018	13.17	147455	14.60
WG1968879-3 LCSD	127799	10.59	135769	13.17	152234	14.60
MW-03	134940	10.59	152245	13.17	165142	14.60
MW-05R	133879	10.59	141395	13.17	158985	14.60
MW-07	128034	10.59	136485	13.17	157674	14.60
DUP	122900	10.59	135605	13.17	155334	14.60

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV107	Analysis Date	: 09/10/24 22:40:00
Sample No	: WG1969982-3	Lab File ID	: ABN0910

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1969982-3	16281	6.05	65088	7.51	40362	9.28
Upper Limit	32562	6.55	130176	8.01	80724	9.78
Lower Limit	8141	5.55	32544	7.01	20181	8.78
Sample ID						
WG1969982-4 CCAL	10679	6.05	39421	7.51	26097	9.28
WG1969982-5 CCAL	13300	6.05	-	-	28734	9.28
WG1969852-1 BLANK	13826	6.05	40673	7.52	25460	9.28
WG1969852-2 LCS	13287	6.05	62909	7.52	40248	9.28
WG1969852-3 LCSD	9855	6.05	70443	7.52	45068	9.28
MW-08 MS	9751	6.05	36769	7.52	24689	9.28
MW-08 MSD	10732	6.05	39786	7.52	26791	9.28
MW-08	10155	6.05	38504	7.52	24959	9.28

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV107	Analysis Date	: 09/10/24 22:40:00
Sample No	: WG1969982-3	Lab File ID	: ABN0910

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1969982-3	83886	10.71	73823	13.30	75909	14.74
Upper Limit	167772	11.21	147646	13.80	151818	15.24
Lower Limit	41943	10.21	36912	12.80	37955	14.24
Sample ID						
WG1969982-4 CCAL	59886	10.71	-	-	-	-
WG1969982-5 CCAL	69723	10.70	-	-	-	-
WG1969852-1 BLANK	52767	10.70	52725	13.30	55667	14.75
WG1969852-2 LCS	67468	10.70	48845	13.30	55895	14.75
WG1969852-3 LCSD	89861	10.70	82031	13.30	80573	14.75
MW-08 MS	51762	10.70	52470	13.30	52769	14.75
MW-08 MSD	55256	10.70	54008	13.30	54981	14.75
MW-08	53288	10.70	53815	13.30	53783	14.75

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: FRANCZYK PARK

Lab Number: L2450217
Project Number:
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
MW-03 (L2450217-01)	43	33	70	64	71	63	0
MW-05R (L2450217-02)	36	34	75	70	48	70	0
MW-07 (L2450217-03)	39	31	64	64	67	66	0
MW-08 (L2450217-04)	14*	17	78	74	26	68	1
DUP (L2450217-05)	39	38	74	69	60	71	0
WG1968880-1BLANK	27	21	67	64	41	68	0
WG1968880-2LCS	52	41	71	66	77	66	0
WG1968880-3LCSD	57	45	78	73	83	69	0
WG1969853-1BLANK	43	31	73	69	74	67	0
WG1969853-2LCS	48	37	75	70	80	64	0
WG1969853-3LCSD	45	35	74	70	80	67	0
MW-08MS	27	23	74	70	48	62	0
MW-08MSD	24	22	78	73	44	65	0

QC LIMITS

(21-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(15-120) FBP = 2-FLUOROBIPHENYL
(10-120) TBP = 2,4,6-TRIBROMOPHENOL
(41-149) TPH = 4-TERPHENYL-D14

* Values outside of QC limits

FORM II NYTCL-8270-SIM-RVT

Method Blank Summary
Form 4
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab Sample ID	: WG1968880-1	Lab File ID	: 968880-1
Instrument ID	: SV119	Extraction Date	: 09/08/24
Matrix	: WATER	Analysis Date	: 09/10/24 09:20
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1968880-2LCS	WG1968880-2	09/10/24 09:37
WG1968880-3LCSD	WG1968880-3	09/10/24 09:53
MW-03	L2450217-01	09/10/24 10:43
MW-05R	L2450217-02	09/10/24 10:59
MW-07	L2450217-03	09/10/24 11:16
DUP	L2450217-05	09/10/24 11:49

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: WG1968880-1	Date Collected	: NA
Client ID	: WG1968880-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/10/24 09:20
Sample Matrix	: WATER	Date Extracted	: 09/08/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 968880-1	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Method Blank Summary
Form 4
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab Sample ID	: WG1969853-1	Lab File ID	: 969853-1
Instrument ID	: SV119	Extraction Date	: 09/10/24
Matrix	: WATER	Analysis Date	: 09/11/24 12:39
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1969853-2LCS	WG1969853-2	09/11/24 12:06
WG1969853-3LCSD	WG1969853-3	09/11/24 12:23
MW-08MS	WG1969853-4	09/11/24 12:56
MW-08MSD	WG1969853-5	09/11/24 13:13
MW-08	L2450217-04	09/11/24 13:29

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: WG1969853-1	Date Collected	: NA
Client ID	: WG1969853-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/11/24 12:39
Sample Matrix	: WATER	Date Extracted	: 09/10/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 969853-1	Analyst	: RP
Sample Amount	: 100 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	ND	0.10	0.02	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1968880-2 Analysis Date : 09/10/24 09:37	File ID	: 968880-2
LCSD Sample ID	: WG1968880-3 Analysis Date : 09/10/24 09:53	File ID	: 968880-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	20	15	76	20	16	82	8	40-140	40
2-Chloronaphthalene	20	13	67	20	15	74	10	40-140	40
Fluoranthene	20	15	77	20	16	80	4	40-140	40
Hexachlorobutadiene	20	10	51	20	13	63	21	40-140	40
Naphthalene	20	13	65	20	15	73	12	40-140	40
Benzo(a)anthracene	20	17	86	20	18	91	6	40-140	40
Benzo(a)pyrene	20	15	77	20	16	80	4	40-140	40
Benzo(b)fluoranthene	20	16	78	20	16	81	4	40-140	40
Benzo(k)fluoranthene	20	16	78	20	16	83	6	40-140	40
Chrysene	20	16	80	20	17	84	5	40-140	40
Acenaphthylene	20	13	66	20	14	71	7	40-140	40
Anthracene	20	16	82	20	17	87	6	40-140	40
Benzo(ghi)perylene	20	16	80	20	16	82	2	40-140	40
Fluorene	20	15	75	20	16	80	6	40-140	40
Phenanthrene	20	16	81	20	17	86	6	40-140	40
Dibenzo(a,h)anthracene	20	16	81	20	17	84	4	40-140	40
Indeno(1,2,3-cd)pyrene	20	17	85	20	18	88	3	40-140	40
Pyrene	20	15	76	20	16	79	4	40-140	40
2-Methylnaphthalene	20	13	65	20	15	73	12	40-140	40
Pentachlorophenol	20	17	86	20	17	85	1	40-140	40
Hexachlorobenzene	20	17	84	20	18	90	7	40-140	40
Hexachloroethane	20	11	53	20	13	66	22	40-140	40

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1969853-2	Analysis Date : 09/11/24 12:06	File ID : 969853-2
LCSD Sample ID	: WG1969853-3	Analysis Date : 09/11/24 12:23	File ID : 969853-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	20	15	76	20	15	77	1	40-140	40
2-Chloronaphthalene	20	14	68	20	14	69	1	40-140	40
Fluoranthene	20	15	76	20	16	81	6	40-140	40
Hexachlorobutadiene	20	11	55	20	11	54	2	40-140	40
Naphthalene	20	13	66	20	13	67	2	40-140	40
Benzo(a)anthracene	20	17	86	20	18	92	7	40-140	40
Benzo(a)pyrene	20	15	76	20	16	81	6	40-140	40
Benzo(b)fluoranthene	20	15	76	20	16	82	8	40-140	40
Benzo(k)fluoranthene	20	16	79	20	17	83	5	40-140	40
Chrysene	20	16	79	20	17	85	7	40-140	40
Acenaphthylene	20	13	66	20	14	69	4	40-140	40
Anthracene	20	16	83	20	18	88	6	40-140	40
Benzo(ghi)perylene	20	15	77	20	16	83	8	40-140	40
Fluorene	20	15	75	20	16	79	5	40-140	40
Phenanthrene	20	16	81	20	17	86	6	40-140	40
Dibenzo(a,h)anthracene	20	15	77	20	17	83	8	40-140	40
Indeno(1,2,3-cd)pyrene	20	17	83	20	18	89	7	40-140	40
Pyrene	20	15	75	20	16	80	6	40-140	40
2-Methylnaphthalene	20	13	66	20	13	67	2	40-140	40
Pentachlorophenol	20	18	91	20	19	95	4	40-140	40
Hexachlorobenzene	20	17	86	20	18	90	5	40-140	40
Hexachloroethane	20	11	57	20	12	58	2	40-140	40

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Client Sample ID	: MW-08	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2450217-04	Analysis Date	: 09/11/24 13:29
Matrix Spike	: WG1969853-4	MS Analysis Date	: 09/11/24 12:56
Matrix Spike Dup	: WG1969853-5	MSD Analysis Date	: 09/11/24 13:13

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	0.11	20	15	74	20	16	79	6	40-140	40
2-Chloronaphthalene	ND	20	14	70	20	14	70	0	40-140	40
Fluoranthene	0.72	20	15	71	20	16	76	6	40-140	40
Hexachlorobutadiene	ND	20	11	55	20	11	55	0	40-140	40
Naphthalene	ND	20	14	70	20	14	70	0	40-140	40
Benzo(a)anthracene	0.32	20	18	88	20	18	88	0	40-140	40
Benzo(a)pyrene	0.41	20	16	78	20	16	78	0	40-140	40
Benzo(b)fluoranthene	0.53	20	16	77	20	17	82	6	40-140	40
Benzo(k)fluoranthene	0.22	20	16	79	20	16	79	0	40-140	40
Chrysene	0.28	20	16	79	20	17	84	6	40-140	40
Acenaphthylene	0.04J	20	14	70	20	14	70	0	40-140	40
Anthracene	0.09J	20	17	85	20	17	85	0	40-140	40
Benzo(ghi)perylene	0.34	20	16	78	20	16	78	0	40-140	40
Fluorene	0.05J	20	15	75	20	16	80	6	40-140	40
Phenanthrene	0.30	20	16	79	20	17	84	6	40-140	40
Dibenzo(a,h)anthracene	0.08J	20	15	75	20	16	80	6	40-140	40
Indeno(1,2,3-cd)pyrene	0.32	20	17	83	20	18	88	6	40-140	40
Pyrene	0.59	20	15	72	20	16	77	6	40-140	40
2-Methylnaphthalene	ND	20	14	70	20	14	70	0	40-140	40
Pentachlorophenol	ND	20	11	55	20	9.4	47	16	40-140	40
Hexachlorobenzene	0.02J	20	17	85	20	18	90	6	40-140	40
Hexachloroethane	ND	20	12	60	20	12	60	0	40-140	40

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV119	Analysis Date	: 06/21/24 14:09
Tune Standard	: R1846022-1	Tune File ID	: TUNE_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	46.7
68	Less than 2.0% of mass 69	0.6 (1.4)1
69		100
70	Less than 2.0% of mass 69	0.3 (.6)1
127	10.0 - 80.0% of Base Peak	55.3
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	26.8
365	Greater than 1.0% of mass 198	3.2
441	Present, but less than 24% of mass 442	17.5
442	Base Peak, or >50% of mass 198	77.1
443	15.0 - 24.0% of mass 442	14.5 (18.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
L10	R1846022-3	L10	06/21/24 14:50
L9	R1846022-11	L9	06/21/24 15:06
L8	R1846022-10	L8	06/21/24 15:23
L7	R1846022-9	L7	06/21/24 15:39
L6	R1846022-8	L6	06/21/24 15:55
L5	R1846022-7	L5	06/21/24 16:12
L4	R1846022-6	L4	06/21/24 16:28
L3	R1846022-5	L3	06/21/24 16:44
L2	R1846022-4	L2	06/21/24 17:01
L1	R1846022-2	L1	06/21/24 17:17
ICV Quant Report	R1846022-12	ICV	06/21/24 17:33

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV119	Analysis Date	: 09/10/24 08:04
Tune Standard	: WG1969638-1	Tune File ID	: deg0910_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	64.1
68	Less than 2.0% of mass 69	0.8 (1.5)1
69		100
70	Less than 2.0% of mass 69	0.3 (.5)1
127	10.0 - 80.0% of Base Peak	60.2
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 60.0% of Base Peak	23.6
365	Greater than 1.0% of mass 198	2.6
441	Present, but less than 24% of mass 442	17.9
442	Base Peak, or >50% of mass 198	71.5
443	15.0 - 24.0% of mass 442	12 (16.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1969638-4TFACTOR-B	WG1969638-4	DEG0910	09/10/24 08:04
WG1969638-5TFACTOR-P	WG1969638-5	DEG0910	09/10/24 08:04
WG1969638-3CCAL	WG1969638-3	CCV0910	09/10/24 08:23
WG1968880-1BLANK	WG1968880-1	968880-1	09/10/24 09:20
WG1968880-2LCS	WG1968880-2	968880-2	09/10/24 09:37
WG1968880-3LCSD	WG1968880-3	968880-3	09/10/24 09:53
MW-03	L2450217-01	50217-01	09/10/24 10:43
MW-05R	L2450217-02	50217-02	09/10/24 10:59
MW-07	L2450217-03	50217-03	09/10/24 11:16
DUP	L2450217-05	50217-05	09/10/24 11:49

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV119	Analysis Date	: 09/11/24 09:13
Tune Standard	: WG1970173-1	Tune File ID	: deg0911a_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	67.8
68	Less than 2.0% of mass 69	0.8 (1.4)1
69		100
70	Less than 2.0% of mass 69	0.3 (.5)1
127	10.0 - 80.0% of Base Peak	60.3
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.1
275	10.0 - 60.0% of Base Peak	22.6
365	Greater than 1.0% of mass 198	2.9
441	Present, but less than 24% of mass 442	18.8
442	Base Peak, or >50% of mass 198	58.8
443	15.0 - 24.0% of mass 442	11.1 (18.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1970173-4TFACTOR-B	WG1970173-4	DEG0911A	09/11/24 09:13
WG1970173-5TFACTOR-P	WG1970173-5	DEG0911A	09/11/24 09:13
WG1970173-3CCAL	WG1970173-3	CCV0911A	09/11/24 09:29
WG1969853-2LCS	WG1969853-2	969853-2	09/11/24 12:06
WG1969853-3LCSD	WG1969853-3	969853-3	09/11/24 12:23
WG1969853-1BLANK	WG1969853-1	969853-1	09/11/24 12:39
WG1969853-4MS	WG1969853-4	969853-4	09/11/24 12:56
WG1969853-5MSD	WG1969853-5	969853-5	09/11/24 13:13
MW-08	L2450217-04	50217-04	09/11/24 13:29

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV119	Analysis Date	: 09/10/24 08:23:00
Sample No	: WG1969638-3	Lab File ID	: CCV0910

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1969638-3	174323	2.25	643484	2.91	369390	3.89
Upper Limit	348646	2.75	1286968	3.41	738780	4.39
Lower Limit	87162	1.75	321742	2.41	184695	3.39
Sample ID						
WG1968880-1 BLANK	138875	2.23	494029	2.90	276297	3.89
WG1968880-2 LCS	148725	2.25	555203	2.91	314714	3.89
WG1968880-3 LCSD	152012	2.25	573209	2.91	327074	3.89
MW-03	151146	2.26	551877	2.92	325843	3.89
MW-05R	154582	2.26	562953	2.92	322495	3.89
MW-07	147839	2.26	534663	2.92	312190	3.89
DUP	149175	2.26	541571	2.92	313675	3.89

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV119	Analysis Date	: 09/10/24 08:23:00
Sample No	: WG1969638-3	Lab File ID	: CCV0910

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1969638-3	787554	4.73	782764	6.33	778307	7.56
Upper Limit	1575108	5.23	1565528	6.83	1556614	8.06
Lower Limit	393777*	4.23	391382	5.83	389154	7.06
Sample ID						
WG1968880-1 BLANK	584117	4.74	636927	6.41	604239	7.65
WG1968880-2 LCS	671578	4.73	651639	6.32	660982	7.56
WG1968880-3 LCSD	696767	4.73	638992	6.32	626470	7.55
MW-03	696669	4.73	731421	6.32	668873	7.55
MW-05R	687789	4.73	747614	6.31	682217	7.54
MW-07	654376	4.74	702508	6.31	667073	7.54
DUP	675803	4.74	717522	6.31	668474	7.54

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV119	Analysis Date	: 09/11/24 09:29:00
Sample No	: WG1970173-3	Lab File ID	: CCV0911A

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1970173-3	213483	2.25	806645	2.91	482489	3.89
Upper Limit	426966	2.75	1613290	3.41	964978	4.39
Lower Limit	106742	1.75	403323	2.41	241245	3.39
Sample ID						
WG1969853-2 LCS	165538	2.25	612905	2.91	349222	3.89
WG1969853-3 LCSD	151563	2.25	570741	2.91	329915	3.89
WG1969853-1 BLANK	150644	2.25	546940	2.91	316490	3.89
MW-08 MS	159065	2.25	608628	2.91	353264	3.89
MW-08 MSD	161263	2.25	619044	2.91	355599	3.89
MW-08	156515	2.25	586662	2.91	352951	3.89

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: SV119	Analysis Date	: 09/11/24 09:29:00
Sample No	: WG1970173-3	Lab File ID	: CCV0911A

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1970173-3	1055610	4.73	1063734	6.31	1025826	7.53
Upper Limit	2111220	5.23	2127468	6.81	2051652	8.03
Lower Limit	527805	4.23	531867	5.81	512913	7.03
Sample ID						
WG1969853-2 LCS	743793	4.73	691605	6.30	675686	7.53
WG1969853-3 LCSD	704927	4.73	651493	6.30	636520	7.53
WG1969853-1 BLANK	672989	4.73	728929	6.30	675966	7.53
MW-08 MS	743076	4.73	661502	6.30	624865	7.53
MW-08 MSD	741239	4.73	649810	6.30	621778	7.53
MW-08	736510	4.73	716340	6.30	623310	7.53

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Form 2A
Initial and Continuing Calibration Verification

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: ICPMSRQ	Units	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R1874491-1			R1874491-4			R1874491-6		R1874491-8	
Date Analyzed:	09/11/24 07:43			09/11/24 08:07			09/11/24 09:11		09/11/24 09:44	
Parameter	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Aluminum	50.0	54.4000	109	60.0000	49.9	83	61.4	102	63.0	105
Antimony	50.0	50.6000	101	60.0000	56.4	94	56.0	93	55.9	93
Arsenic	50.0	51.0000	102	60.0000	60.0	100	57.7	96	58.2	97
Barium	50.0	45.4000	91	60.0000	62.3	104	55.2	92	56.9	95
Beryllium	50.0	44.8000	90	60.0000	61.5	102	56.2	94	57.6	96
Cadmium	50.0	51.1000	102	60.0000	58.4	97	57.4	96	57.4	96
Calcium	5000	5180.0000	104	6000.0000	5910	98	5830	97	5690	95
Chromium	50.0	51.7000	103	60.0000	59.8	100	59.3	99	59.1	98
Cobalt	50.0	51.7000	103	60.0000	59.5	99	57.9	96	58.3	97
Copper	50.0	52.2000	104	60.0000	59.7	100	57.4	96	58.0	97
Iron	5000	5110.0000	102	6000.0000	5940	99	5760	96	5830	97
Lead	50.0	48.8000	98	60.0000	56.6	94	55.8	93	55.4	92
Magnesium	5000	5140.0000	103	6000.0000	5640	94	5830	97	5720	95
Manganese	50.0	51.7000	103	60.0000	59.5	99	58.0	97	58.8	98
Nickel	50.0	51.5000	103	60.0000	59.7	100	58.3	97	59.2	99
Potassium	5000	5080.0000	102	6000.0000	5750	96	5840	97	5810	97
Selenium	50.0	50.9000	102	60.0000	58.9	98	59.1	98	60.4	101
Silver	50.0	48.3000	97	60.0000	58.4	97	57.2	95	57.3	96
Sodium	5000	5120.0000	102	6000.0000	5570	93	5770	96	5730	96
Thallium	50.0	47.2000	94	60.0000	58.3	97	54.9	92	54.7	91
Vanadium	50.0	52.2000	104	60.0000	59.8	100	59.2	99	59.7	100
Zinc	50.0	51.9000	104	60.0000	59.4	99	61.9	103	60.3	100

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: ICPMSRQ	Units	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R1874491-11			R1874491-14			R1874491-16		R1874491-18	
Date Analyzed:	09/11/24 11:58			09/11/24 12:29			09/11/24 13:28		09/11/24 14:30	
Parameter	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Aluminum	50.0	47.9000	96	60.0000	57.4	96	58.8	98	59.3	99
Antimony	50.0	48.3000	97	60.0000	56.9	95	60.0	100	59.4	99
Arsenic	50.0	48.1000	96	60.0000	57.4	96	60.2	100	59.5	99
Barium	50.0	48.2000	96	60.0000	59.2	99	61.4	102	60.7	101
Beryllium	50.0	48.5000	97	60.0000	57.6	96	58.5	98	59.0	98
Cadmium	50.0	47.9000	96	60.0000	58.4	97	61.8	103	60.6	101
Calcium	5000	4640.0000	93	6000.0000	5580	93	6010	100	6100	102
Chromium	50.0	47.8000	96	60.0000	59.1	98	61.0	102	61.7	103
Cobalt	50.0	49.3000	99	60.0000	58.6	98	61.8	103	61.7	103
Copper	50.0	49.1000	98	60.0000	59.2	99	62.0	103	62.0	103
Iron	5000	4920.0000	98	6000.0000	5940	99	6160	103	6210	104
Lead	50.0	46.0000	92	60.0000	56.3	94	58.2	97	58.2	97
Magnesium	5000	5090.0000	102	6000.0000	6060	101	5940	99	6190	103
Manganese	50.0	49.1000	98	60.0000	59.7	100	61.8	103	62.0	103
Nickel	50.0	49.0000	98	60.0000	59.3	99	61.7	103	62.4	104
Potassium	5000	4920.0000	98	6000.0000	5970	100	6120	102	6200	103
Selenium	50.0	46.2000	92	60.0000	56.6	94	59.4	99	57.5	96
Silver	50.0	45.6000	91	60.0000	58.1	97	61.2	102	60.8	101
Sodium	5000	5070.0000	101	6000.0000	5980	100	5950	99	6210	104
Thallium	50.0	46.3000	93	60.0000	56.1	94	61.4	102	59.0	98
Vanadium	50.0	48.0000	96	60.0000	59.5	99	61.0	102	61.6	103
Zinc	50.0	49.4000	99	60.0000	59.2	99	61.3	102	60.9	102

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

ALPHA ANALYTICAL

Form 2A
Initial and Continuing Calibration Verification

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: ICPMSRQ	Units	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1874491-20			R1874491-22		R1874491-24	
Date Analyzed:				09/11/24 15:26			09/11/24 16:32		09/11/24 17:41	
Parameter	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Aluminum				60.0000	59.6	99	64.3	107	58.7	98
Antimony				60.0000	56.6	94	58.8	98	57.2	95
Arsenic				60.0000	58.5	98	60.1	100	57.8	96
Barium				60.0000	58.5	98	61.1	102	59.0	98
Beryllium				60.0000	59.5	99	58.9	98	58.8	98
Cadmium				60.0000	58.2	97	60.5	101	58.2	97
Calcium				6000.0000	5850	98	5950	99	5480	91
Chromium				60.0000	59.5	99	61.2	102	59.5	99
Cobalt				60.0000	60.9	102	61.1	102	59.0	98
Copper				60.0000	60.2	100	61.5	102	59.4	99
Iron				6000.0000	5980	100	6080	101	5830	97
Lead				60.0000	55.9	93	57.8	96	56.2	94
Magnesium				6000.0000	5960	99	5970	100	5730	96
Manganese				60.0000	60.1	100	60.4	101	58.4	97
Nickel				60.0000	59.7	100	60.9	102	59.1	98
Potassium				6000.0000	6030	100	5980	100	5770	96
Selenium				60.0000	56.6	94	57.7	96	56.8	95
Silver				60.0000	58.6	98	60.1	100	58.1	97
Sodium				6000.0000	5940	99	5930	99	5730	96
Thallium				60.0000	56.7	94	58.2	97	56.4	94
Vanadium				60.0000	60.8	101	61.6	103	61.1	102
Zinc				60.0000	59.6	99	60.1	100	58.9	98

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: ICPMSRQ	Units	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R1875091-1			R1875091-4			R1875091-6		R1875091-9	
Date Analyzed:	09/12/24 10:29			09/12/24 11:09			09/12/24 12:05		09/12/24 13:03	
Parameter	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Aluminum	50.0	51.5000	103	60.0000	58.1	97	60.1	100	61.4	102
Antimony	50.0	48.1000	96	60.0000	58.0	97	58.3	97	59.3	99
Arsenic	50.0	48.2000	96	60.0000	57.6	96	58.2	97	58.4	97
Barium	50.0	48.5000	97	60.0000	57.6	96	58.2	97	57.5	96
Beryllium	50.0	49.1000	98	60.0000	57.8	96	57.1	95	57.8	96
Cadmium	50.0	48.5000	97	60.0000	57.8	96	58.4	97	58.3	97
Calcium	5000	5260.0000	105	6000.0000	5970	100	6190	103	6330	106
Chromium	50.0	51.0000	102	60.0000	58.8	98	59.3	99	58.6	98
Cobalt	50.0	50.8000	102	60.0000	58.9	98	61.2	102	61.2	102
Copper	50.0	53.2000	106	60.0000	61.3	102	61.9	103	62.0	103
Iron	5000	5040.0000	101	6000.0000	6020	100	5960	99	6010	100
Lead	50.0	48.9000	98	60.0000	57.6	96	57.2	95	58.0	97
Magnesium	5000	5010.0000	100	6000.0000	5790	96	6000	100	5820	97
Manganese	50.0	50.6000	101	60.0000	59.2	99	59.7	100	60.2	100
Nickel	50.0	49.6000	99	60.0000	59.5	99	60.0	100	60.6	101
Potassium	5000	5100.0000	102	6000.0000	5950	99	6120	102	6050	101
Selenium	50.0	46.2000	92	60.0000	57.5	96	56.2	94	56.0	93
Silver	50.0	47.5000	95	60.0000	58.5	98	59.6	99	59.6	99
Sodium	5000	4930.0000	99	6000.0000	5700	95	5840	97	5900	98
Thallium	50.0	49.9000	100	60.0000	59.2	99	59.8	100	61.1	102
Vanadium	50.0	51.0000	102	60.0000	58.9	98	59.2	99	58.0	97
Zinc	50.0	50.9000	102	60.0000	59.8	100	59.8	100	60.6	101

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: ICPMSRQ	Units	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1875091-11			R1875091-13		R1875091-15	
Date Analyzed:				09/12/24 14:11			09/12/24 15:18		09/12/24 15:29	
Parameter	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Aluminum				60.0000	61.2	102	68.7	114	60.0	100
Antimony				60.0000	58.6	98	59.9	100	60.1	100
Arsenic				60.0000	58.6	98	58.3	97	57.2	95
Barium				60.0000	58.0	97	60.8	101	61.0	102
Beryllium				60.0000	56.8	95	55.9	93	55.6	93
Cadmium				60.0000	57.9	96	58.5	98	57.5	96
Calcium				6000.0000	6430	107	5940	99	6210	104
Chromium				60.0000	59.1	98	59.1	98	58.0	97
Cobalt				60.0000	60.4	101	60.7	101	58.4	97
Copper				60.0000	61.6	103	60.7	101	61.2	102
Iron				6000.0000	6150	102	5820	97	5890	98
Lead				60.0000	58.1	97	57.6	96	57.8	96
Magnesium				6000.0000	5850	98	6200	103	6180	103
Manganese				60.0000	60.9	102	59.6	99	59.2	99
Nickel				60.0000	60.4	101	57.8	96	57.3	96
Potassium				6000.0000	6200	103	6300	105	6370	106
Selenium				60.0000	55.0	92	57.0	95	56.8	95
Silver				60.0000	60.3	100	59.8	100	59.8	100
Sodium				6000.0000	5950	99	6080	101	5950	99
Thallium				60.0000	61.4	102	58.9	98	60.2	100
Vanadium				60.0000	61.4	102	60.2	100	60.7	101
Zinc				60.0000	60.9	102	58.6	98	58.2	97

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 3
Blanks

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: ICPMSRQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :	R1874491-2		R1874491-5		R1874491-7		R1874491-9		WG1969694-1	
Date Analyzed:	09/11/24 07:48		09/11/24 08:12		09/11/24 09:16		09/11/24 09:49		09/11/24 16:44	
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q	mg/l	Q
Aluminum	3.27	U	3.27	U	3.27	U	3.27	U	0.00327	U
Antimony	0.429	U	0.429	U	0.429	U	0.429	U	0.00042	U
Arsenic	0.165	U	0.207	J	0.165	U	0.165	U	0.00016	U
Barium	0.173	U	0.173	U	0.215	J	0.198	J	0.00017	U
Beryllium	0.107	U	0.107	U	0.107	U	0.107	U	0.00010	U
Cadmium	0.0599	U	0.0599	U	0.0599	U	0.0599	U	0.00005	U
Calcium	39.4	U	39.4	U	39.4	U	39.4	U	0.0394	U
Chromium	0.178	U	0.178	U	0.178	U	0.178	U	0.00017	U
Cobalt	0.163	U	0.163	U	0.163	U	0.163	U	0.00016	U
Copper	0.384	U	0.384	U	0.384	U	0.384	U	0.00038	U
Iron	19.1	U	19.1	U	19.1	U	19.1	U	0.0191	U
Lead	0.343	U	0.451	J	0.343	U	0.343	U	0.00034	U
Magnesium	24.2	U	24.2	U	24.2	U	24.2	U	0.0242	U
Manganese	0.440	U	0.440	U	0.440	U	0.440	U	0.00044	U
Nickel	0.556	U	0.556	U	0.556	U	0.556	U	0.00055	U
Potassium	30.9	U	30.9	U	30.9	U	30.9	U	0.0309	U
Selenium	1.73	U	1.73	U	1.73	U	1.73	U	0.00173	U
Silver	0.163	U	0.163	U	0.163	U	0.163	U	0.00016	U
Sodium	58.0	J	55.0	J	52.8	J	50.6	J	0.0293	U
Thallium	0.326	J	0.273	J	0.311	J	0.316	J	0.00014	U
Vanadium	1.57	U	1.57	U	1.57	U	1.57	U	0.00157	U
Zinc	3.41	U	3.41	U	3.41	U	3.41	U	0.00341	U

Form 1
METALS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: WG1969694-1	Date Collected	: NA
Client ID	: WG1969694-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/11/24 16:44
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1970087.csv	Instrument ID	: ICPMSRQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 09/10/24

CAS NO.	Parameter	mg/l Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	ND	0.00050	0.00017	U
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.100	0.0293	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 3
Blanks

Client : LaBella Associates, P.C.
Project Name : FRANCZYK PARK
Instrument ID : ICPMSRQ

Lab Number : L2450217
Project Number :

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :	R1874491-12		R1874491-15		R1874491-17		R1874491-19			
Date Analyzed :	09/11/24 12:02		09/11/24 12:34		09/11/24 13:33		09/11/24 14:34			
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Aluminum	3.27	U	3.27	U	3.27	U	3.27	U		
Antimony	0.429	U	0.429	U	0.429	U	0.429	U		
Arsenic	0.165	U	0.192	J	0.165	U	0.165	U		
Barium	0.173	U	0.173	U	0.173	U	0.173	U		
Beryllium	0.107	U	0.107	U	0.107	U	0.107	U		
Cadmium	0.0599	U	0.0599	U	0.0599	U	0.0599	U		
Calcium	39.4	U	39.4	U	39.4	U	39.4	U		
Chromium	0.178	U	0.178	U	0.178	U	0.178	U		
Cobalt	0.163	U	0.163	U	0.163	U	0.163	U		
Copper	0.384	U	0.384	U	0.384	U	0.384	U		
Iron	19.1	U	19.1	U	19.1	U	19.1	U		
Lead	0.343	U	0.343	U	0.343	U	0.343	U		
Magnesium	24.2	U	24.2	U	24.2	U	24.2	U		
Manganese	0.440	U	0.440	U	0.440	U	0.440	U		
Nickel	0.556	U	0.556	U	0.556	U	0.556	U		
Potassium	30.9	U	30.9	U	30.9	U	30.9	U		
Selenium	1.73	U	1.73	U	1.73	U	1.73	U		
Silver	0.163	U	0.163	U	0.163	U	0.163	U		
Sodium	29.3	U	29.3	U	29.3	U	29.3	U		
Thallium	0.413	J	0.341	J	0.339	J	0.319	J		
Vanadium	1.57	U	1.57	U	1.57	U	1.57	U		
Zinc	3.41	U	3.41	U	3.41	U	3.41	U		

Form 3
Blanks

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: ICPMSRQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1874491-21		R1874491-23		R1874491-25			
Date Analyzed:			09/11/24 15:31		09/11/24 16:37		09/11/24 17:46			
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Aluminum			3.27	U	3.27	U	3.27	U		
Antimony			0.429	U	0.429	U	0.429	U		
Arsenic			0.165	U	0.165	U	0.165	U		
Barium			0.173	U	0.173	U	0.173	U		
Beryllium			0.107	U	0.107	U	0.107	U		
Cadmium			0.0599	U	0.0599	U	0.0599	U		
Calcium			39.4	U	39.4	U	39.4	U		
Chromium			0.178	U	0.178	U	0.178	U		
Cobalt			0.163	U	0.163	U	0.163	U		
Copper			0.384	U	0.384	U	0.384	U		
Iron			19.1	U	19.1	U	19.1	U		
Lead			0.343	U	0.343	U	0.343	U		
Magnesium			24.2	U	24.2	U	24.2	U		
Manganese			0.440	U	0.440	U	0.440	U		
Nickel			0.556	U	0.556	U	0.556	U		
Potassium			30.9	U	30.9	U	30.9	U		
Selenium			1.73	U	1.73	U	1.73	U		
Silver			0.163	U	0.163	U	0.163	U		
Sodium			29.3	U	29.3	U	29.3	U		
Thallium			0.321	J	0.313	J	0.318	J		
Vanadium			1.57	U	1.57	U	1.57	U		
Zinc			3.41	U	3.41	U	3.41	U		

Form 3
Blanks

Client : LaBella Associates, P.C.
Project Name : FRANCZYK PARK
Instrument ID : ICPMSRQ

Lab Number : L2450217
Project Number :

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :	R1875091-2		R1875091-5		R1875091-7		R1875091-10			
Date Analyzed :	09/12/24 10:34		09/12/24 11:13		09/12/24 12:10		09/12/24 13:08			
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Aluminum	3.27	U	3.27	U	3.27	U	3.27	U		
Antimony	0.429	U	0.429	U	0.429	U	0.429	U		
Arsenic	0.165	U	0.165	U	0.165	U	0.165	U		
Barium	0.173	U	0.173	U	0.173	U	0.173	U		
Beryllium	0.107	U	0.107	U	0.107	U	0.107	U		
Cadmium	0.0599	U	0.0599	U	0.0599	U	0.0599	U		
Calcium	39.4	U	39.4	U	39.4	U	39.4	U		
Chromium	0.178	U	0.178	U	0.178	U	0.178	U		
Cobalt	0.163	U	0.163	U	0.163	U	0.163	U		
Copper	0.384	U	0.384	U	0.384	U	0.384	U		
Iron	19.1	U	19.1	U	19.1	U	19.1	U		
Lead	0.343	U	0.343	U	0.343	U	0.343	U		
Magnesium	24.2	U	24.2	U	24.2	U	24.2	U		
Manganese	0.440	U	0.440	U	0.440	U	0.440	U		
Nickel	0.556	U	0.556	U	0.556	U	0.556	U		
Potassium	30.9	U	30.9	U	30.9	U	30.9	U		
Selenium	1.73	U	1.73	U	1.73	U	1.73	U		
Silver	0.163	U	0.163	U	0.163	U	0.163	U		
Sodium	29.3	U	29.3	U	29.3	U	29.3	U		
Thallium	0.193	J	0.200	J	0.214	J	0.236	J		
Vanadium	1.57	U	1.57	U	1.57	U	1.57	U		
Zinc	3.41	U	3.41	U	3.41	U	3.41	U		

Form 3
Blanks

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: ICPMSRQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1875091-12		R1875091-14		R1875091-16			
Date Analyzed :			09/12/24 14:16		09/12/24 15:23		09/12/24 15:34			
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Aluminum			3.27	U	3.27	U	3.27	U		
Antimony			0.429	U	0.429	U	0.429	U		
Arsenic			0.165	U	0.165	U	0.165	U		
Barium			0.173	U	0.173	U	0.173	U		
Beryllium			0.107	U	0.107	U	0.107	U		
Cadmium			0.0599	U	0.0599	U	0.0599	U		
Calcium			39.4	U	39.4	U	39.4	U		
Chromium			0.178	U	0.178	U	0.178	U		
Cobalt			0.163	U	0.163	U	0.163	U		
Copper			0.384	U	0.384	U	0.384	U		
Iron			19.1	U	19.1	U	19.1	U		
Lead			0.343	U	0.343	U	0.343	U		
Magnesium			24.2	U	24.2	U	24.2	U		
Manganese			0.440	U	0.440	U	0.440	U		
Nickel			0.556	U	0.556	U	0.556	U		
Potassium			30.9	U	30.9	U	30.9	U		
Selenium			1.73	U	1.73	U	1.73	U		
Silver			0.163	U	0.163	U	0.163	U		
Sodium			29.3	U	29.3	U	29.3	U		
Thallium			0.259	J	0.243	J	0.230	J		
Vanadium			1.57	U	1.57	U	1.57	U		
Zinc			3.41	U	3.41	U	3.41	U		

Form 4a
Interference Check Sample

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: ICPMSRQ	Concentration Units	: ug/l

	True		Initial Found				Final Found			
Lab ID :			R1874491-3				R1874491-13			
Analysis Date :			09/11/24 07:53				09/11/24 12:15			
Analyte	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	100000		109000	109			90400	90		
Antimony			0.195				0.166			
Arsenic			0.561				0.618			
Barium			1.18				1.14			
Beryllium			0.0289				0.0233			
Cadmium			0.259				0.234			
Calcium	300000		320000	107			289000	96		
Chromium			1.56				1.43			
Cobalt			2.22				2.06			
Copper			0.997				0.993			
Iron	250000		234000	94			248000	99		
Lead			1.68				1.48			
Magnesium	100000		96500	96			91900	92		
Manganese			4.58				4.25			
Nickel			2.79				3.15			
Potassium	100000		108000	108			99600	100		
Selenium			4.31				3.72			
Silver			0.0207				0.0150			
Sodium	250000		260000	104			250000	100		
Thallium			0.0989				0.0769			
Vanadium			0.114				0.106			
Zinc			2.10				1.67			

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020
ICSA: 80-120%
ICSAB: 80-120%

Form 4a
Interference Check Sample

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: ICPMSRQ	Concentration Units	: ug/l

	True		Initial Found				Final Found			
Lab ID :			R1875091-3							
Analysis Date :			09/12/24 10:42							
Analyte	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	100000		90900	91						
Antimony			0.182							
Arsenic			0.491							
Barium			1.14							
Beryllium			0.0264							
Cadmium			0.353							
Calcium	300000		295000	98						
Chromium			1.32							
Cobalt			1.98							
Copper			2.79							
Iron	250000		226000	90						
Lead			1.39							
Magnesium	100000		87700	88						
Manganese			4.35							
Nickel			2.71							
Potassium	100000		92600	93						
Selenium			3.51							
Silver			0.0185							
Sodium	250000		239000	96						
Thallium			0.0743							
Vanadium			0.0897							
Zinc			2.42							

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020
ICSA: 80-120%
ICSAB: 80-120%

Form 5a
Matrix Spike

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Client Sample ID	: MW-08	Matrix	: WATER
Lab Sample ID	: L2450217-04		
Matrix Spike	: WG1969694-3	MS Analysis Date	: 09/11/24 17:03
Matrix Spike Dup	: WG1969694-4	MSD Analysis Date	: 09/11/24 17:08

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/l)	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	RPD	Recovery Limits	RPD Limit
Aluminum, Total	0.202	2	2.02	91	2	2.14	97	6	75-125	20
Antimony, Total	0.00137J	0.5	0.5055	101	0.5	0.5174	103	2	75-125	20
Arsenic, Total	0.01578	0.12	0.1340	98	0.12	0.1380	102	3	75-125	20
Barium, Total	0.03271	2	2.066	102	2	2.111	104	2	75-125	20
Beryllium, Total	ND	0.05	0.04883	98	0.05	0.05225	104	7	75-125	20
Cadmium, Total	ND	0.053	0.05454	103	0.053	0.05554	105	2	75-125	20
Chromium, Total	0.00079J	0.2	0.2132	107	0.2	0.2101	105	1	75-125	20
Cobalt, Total	0.00037J	0.5	0.5114	102	0.5	0.5059	101	1	75-125	20
Copper, Total	0.00191	0.25	0.2578	102	0.25	0.2569	102	0	75-125	20
Iron, Total	11.8	1	13.7	190 Q	1	13.5	170 Q	1	75-125	20
Lead, Total	0.06561	0.53	0.5742	96	0.53	0.5843	98	2	75-125	20
Magnesium, Total	71.1	10	85.1	140 Q	10	86.7	156 Q	2	75-125	20
Manganese, Total	0.8330	0.5	1.390	111	0.5	1.391	112	0	75-125	20
Nickel, Total	0.00081J	0.5	0.4986	100	0.5	0.5066	101	2	75-125	20
Potassium, Total	26.9	10	36.9	100	10	36.8	99	0	75-125	20
Selenium, Total	ND	0.12	0.109	91	0.12	0.106	88	3	75-125	20
Silver, Total	ND	0.05	0.04968	99	0.05	0.05029	100	1	75-125	20
Sodium, Total	10.8	10	21.2	104	10	21.4	106	1	75-125	20
Thallium, Total	ND	0.12	0.1190	99	0.12	0.1211	101	2	75-125	20
Vanadium, Total	ND	0.5	0.5388	108	0.5	0.5239	105	3	75-125	20
Zinc, Total	0.01618	0.5	0.5234	101	0.5	0.5276	102	1	75-125	20

Form 5a
Matrix Spike

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Client Sample ID	: MW-08	Matrix	: WATER
Lab Sample ID	: L2450217-04		
Matrix Spike	: WG1969694-3	MS Analysis Date	: 09/12/24 13:57
Matrix Spike Dup	: WG1969694-4	MSD Analysis Date	: 09/12/24 14:02

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/l)	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	RPD	Recovery Limits	RPD Limit
Calcium, Total	575.	10	589.	140 Q	10	570.	0 Q	3	75-125	20

Form 7
Laboratory Control Sample

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Client Sample ID	: NA	Matrix	: WATER
Lab Sample ID	: WG1969694-2	LCS Analysis Date	: 09/11/24 16:54
Dup Sample ID	:	LCSD Analysis Date	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (mg/l)	Found (mg/l)	%R	True (mg/l)	Found (mg/l)	%R	RPD	Recovery Limits	RPD Limit
Aluminum, Total	2.00	1.85	92.					80-120	20
Antimony, Total	0.500	0.458	92.					80-120	20
Arsenic, Total	0.120	0.120	100.					80-120	20
Barium, Total	2.00	2.00	100.					80-120	20
Beryllium, Total	0.0500	0.0494	99.					80-120	20
Cadmium, Total	0.0530	0.0530	100.					80-120	20
Calcium, Total	10.0	10.5	105.					80-120	20
Chromium, Total	0.200	0.207	104.					80-120	20
Cobalt, Total	0.500	0.532	106.					80-120	20
Copper, Total	0.250	0.270	108.					80-120	20
Iron, Total	1.00	1.11	111.					80-120	20
Lead, Total	0.530	0.506	95.					80-120	20
Magnesium, Total	10.0	10.2	102.					80-120	20
Manganese, Total	0.500	0.525	105.					80-120	20
Nickel, Total	0.500	0.533	107.					80-120	20
Potassium, Total	10.0	10.0	100.					80-120	20
Selenium, Total	0.120	0.113	94.					80-120	20
Silver, Total	0.0500	0.0492	98.					80-120	20
Sodium, Total	10.0	10.5	105.					80-120	20
Thallium, Total	0.120	0.117	97.					80-120	20
Vanadium, Total	0.500	0.511	102.					80-120	20
Zinc, Total	0.500	0.526	105.					80-120	20

Form 2A
Initial and Continuing Calibration Verification

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: NIC1	Units	: mg/l

		Initial Calibration			Continuing Calibration(s)						
Lab ID	:	R1874520-1			R1874520-3			R1874520-5		R1874520-7	
Date Analyzed	:	09/11/24 09:00			09/11/24 09:51			09/11/24 10:31		09/11/24 11:14	
Parameter		True	Found	%R	True	Found	%R	Found	%R	Found	%R
Mercury		0.00300	0.0029	98 ✓	0.0050	0.00500	99 ✓	0.00500	100 ✓	0.00490	99 ✓

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: NIC1	Units	: mg/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1874520-9			R1874520-11		R1874520-13	
Date Analyzed:				09/11/24 11:34			09/11/24 11:58		09/11/24 12:40	
Parameter	True	Found	%R	True	Found	%R	Found	%R	Found	%R
Mercury				0.0050	0.00500	100 ✓	0.00490	98 ✓	0.00500	99 ✓

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 3
Blanks

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: NIC1		

	Initial Calibration Blank	Continuing Calibration Blank(s)			Preparation Blank
Lab ID :	R1874520-2	R1874520-4	R1874520-6	R1874520-8	WG1969697-1
Date Analyzed :	09/11/24 09:03	09/11/24 09:55	09/11/24 10:34	09/11/24 11:18	09/11/24 11:44
Parameter	mg/l Q	mg/l Q	mg/l Q	mg/l Q	mg/l Q
Mercury	0.0000915 U	0.0000915 U	0.0000915 U	0.0000915 U	0.00009 U

Form 1
METALS

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Lab ID	: WG1969697-1	Date Collected	: NA
Client ID	: WG1969697-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/11/24 11:44
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: MJR
Lab File ID	: WG1970193.pdf	Instrument ID	: NIC1
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 09/10/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 3
Blanks

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Instrument ID	: NIC1		

	Initial Calibration Blank	Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :		R1874520-10		R1874520-12		R1874520-14			
Date Analyzed :		09/11/24 11:37		09/11/24 12:01		09/11/24 12:43			
Parameter	mg/l Q	mg/l	Q	mg/l	Q	mg/l	Q		Q
Mercury		0.0000915	U	0.0000915	U	0.0000915	U		

Form 5a
Matrix Spike

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Client Sample ID	: MW-08	Matrix	: WATER
Lab Sample ID	: L2450217-04		
Matrix Spike	: WG1969697-3	MS Analysis Date	: 09/11/24 11:54
Matrix Spike Dup	: WG1969697-4	MSD Analysis Date	: 09/11/24 12:04

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/l)	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	RPD	Recovery Limits	RPD Limit
Mercury, Total	ND	0.005	0.00501	100 ✓	0.005	0.00503	101 ✓	0 ✓	75-125	20

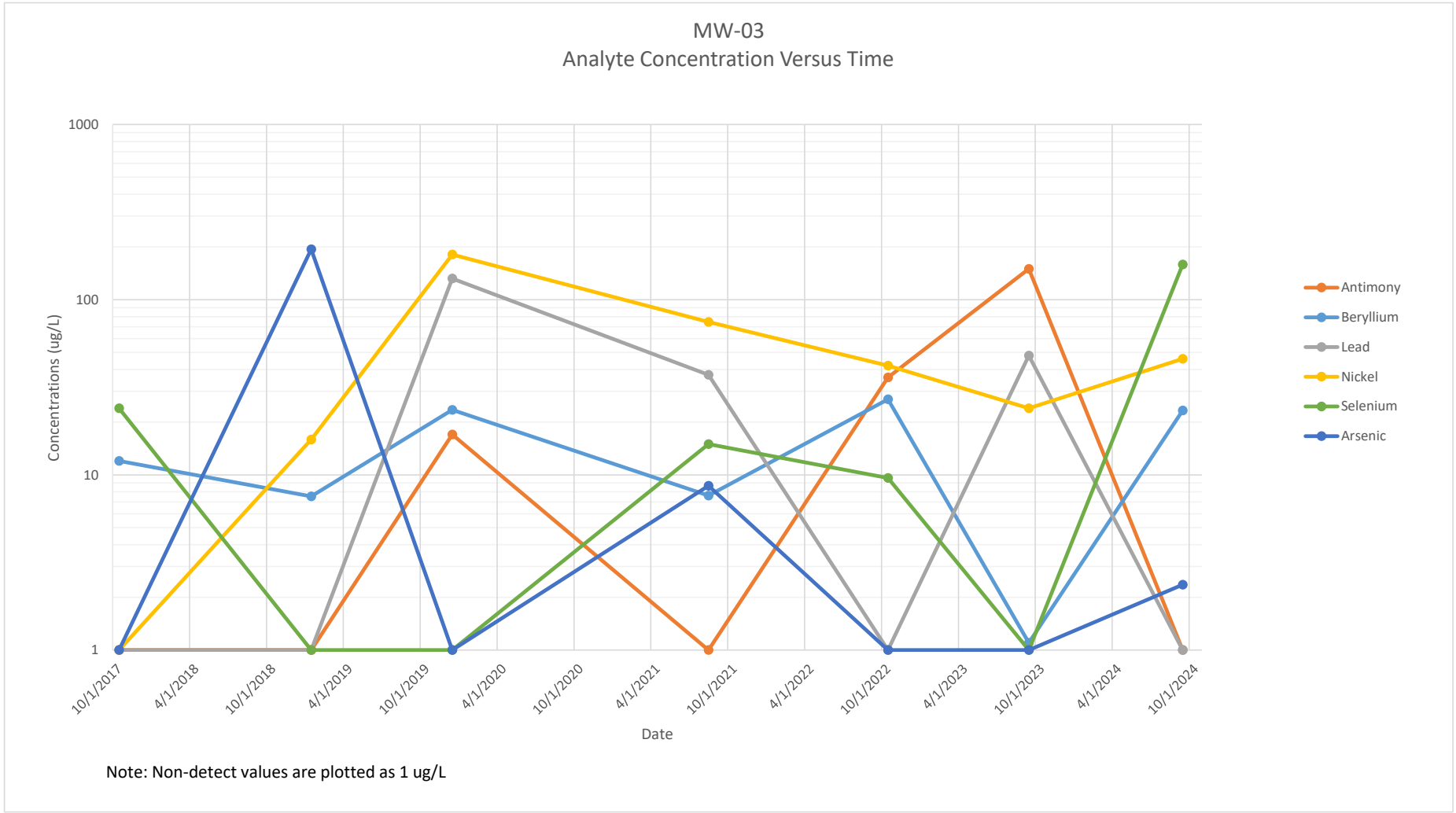
Form 7
Laboratory Control Sample

Client	: LaBella Associates, P.C.	Lab Number	: L2450217
Project Name	: FRANCZYK PARK	Project Number	:
Client Sample ID	: NA	Matrix	: WATER
Lab Sample ID	: WG1969697-2	LCS Analysis Date	: 09/11/24 11:48
Dup Sample ID	:	LCSD Analysis Date	:

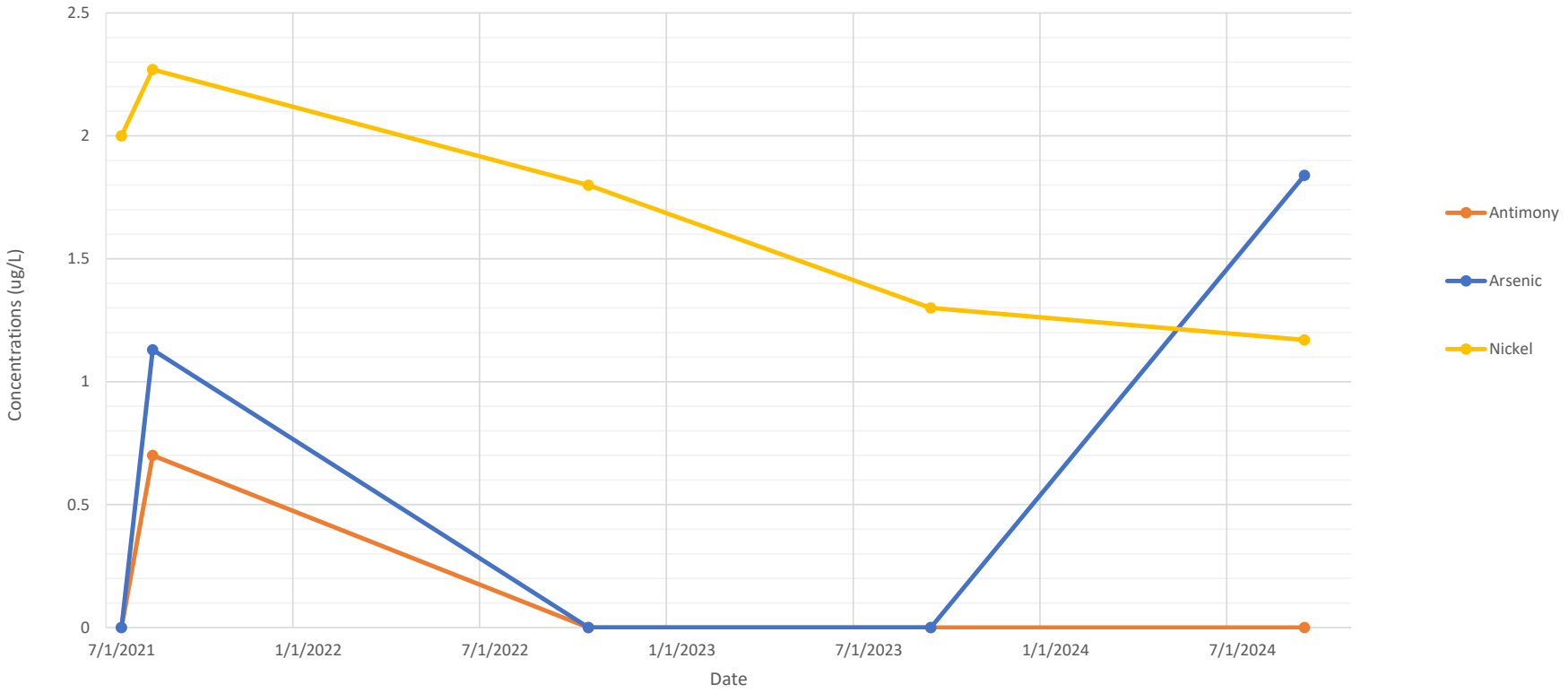
	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (mg/l)	Found (mg/l)	%R	True (mg/l)	Found (mg/l)	%R	RPD	Recovery Limits	RPD Limit
Mercury, Total	0.00100	0.000970	98. ✓					80-120	20

APPENDIX 6

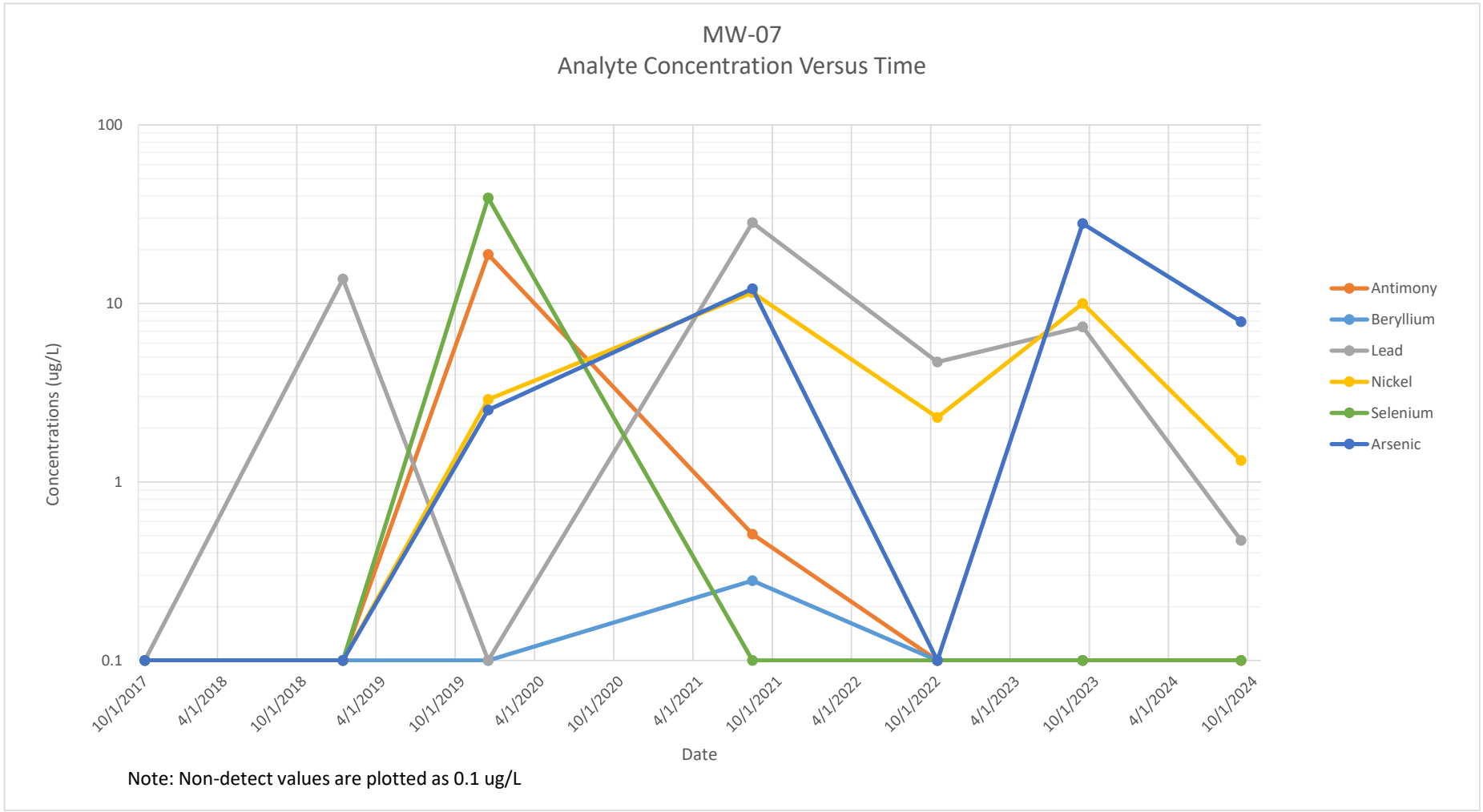
Monitoring Well Concentration Versus Time Plots for Select Metals



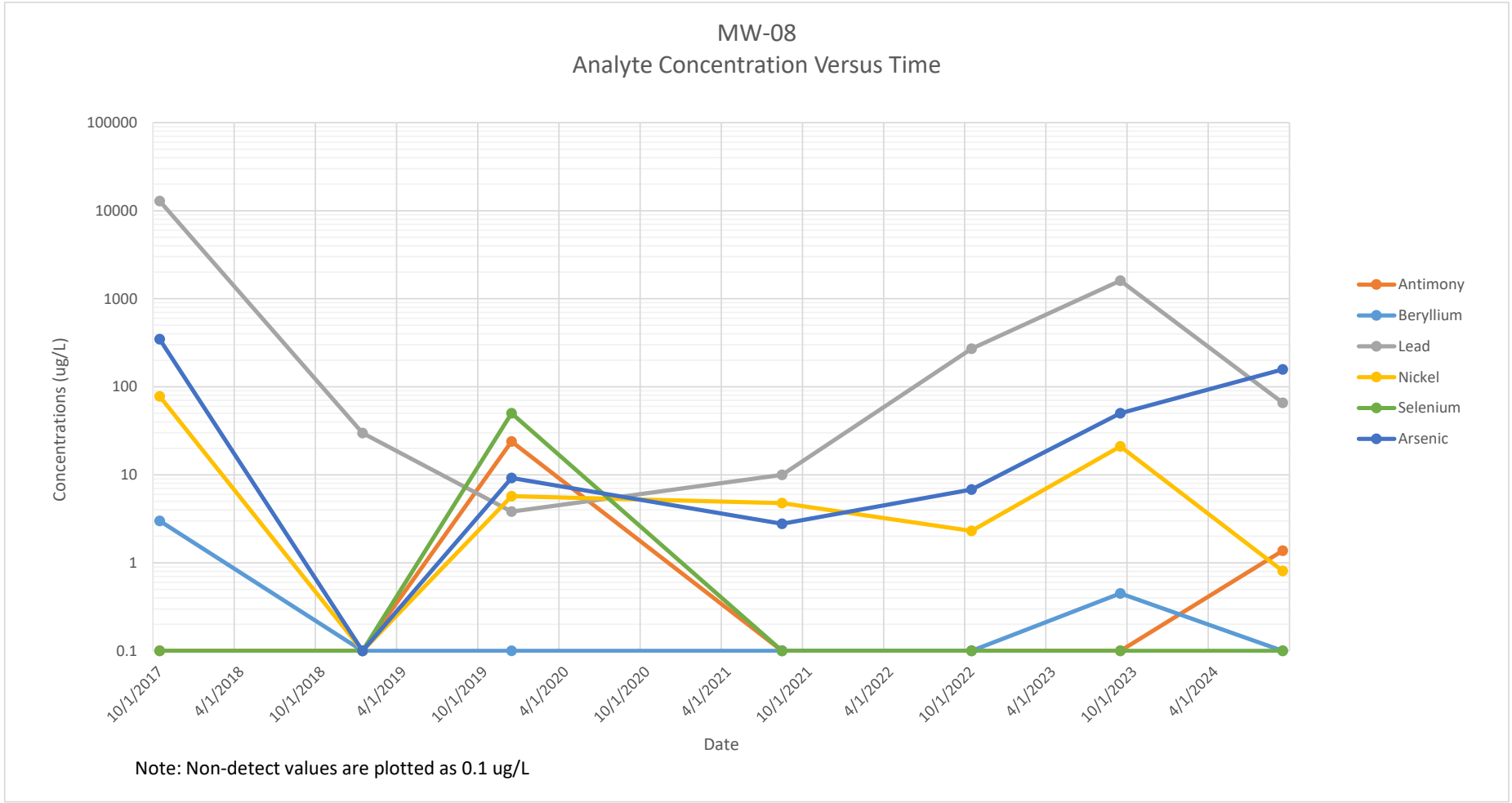
Note: Non-detect values are plotted as 1 ug/L



Note: Non-detect values are plotted as 0 ug/L



Note: Non-detect values are plotted as 0.1 ug/L



Note: Non-detect values are plotted as 0.1 ug/L

APPENDIX 7

Imported Soil/Fill Request Form

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) 851-7275
www.dec.ny.gov

May 17, 2024

Andrew Benkleman
LaBella Associates
300 Pearl Street, Suite 300
Buffalo, New York 14202

Dear Andrew Benkleman:

Site Management (SM)
Import Request
Franczyk Park Investigation
Buffalo, Erie County, Site No.: **B00174**

The Department has reviewed your request received May 8, 2024 to import approximately 50 cubic yards of Mar-Co 15 series standard mix from Lakeside Sod Supply Co Inc. Based on the information provided, the request is hereby approved.

The proposed material meets restricted residential soil cleanup objectives as provided in Appendix 5 of DER-10 and the guidance document "Sampling, Analysis and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs." 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

ec: Julia Kenney, Public Health Specialist III, NYSDOH Albany
Jason Paananen, City of Buffalo
Adam Zebrowski, LaBella Associates

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: Restricted Residential 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? 0-50

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? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

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:

A sample was collected from the stockpiled material at Lakeside Sod Supply Co. Inc. on February 27, 2024. The sample was analyzed for metals, VOCs, SVOCs, pesticides/herbicides, PCBs, and PFAS. A summary table of the analytical results and the full laboratory analytical report are 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):

See attached summary table

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:

Lakeside Sod Supply Co. Inc., Commercial Dealer of Mar-Co 15 Series Mix

Location where fill was obtained:

6660 Goodrich Road, Clarence Center, NY 14032 (product is imported from Ontario, Canada)

Identification of any state or local approvals as a fill source:

N/A

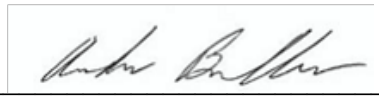
If no approvals are available, provide a brief history of the use of the property that is the fill source:

The product material is obtained from a pit operated by Mar-Co Clay Products Inc. located at 896474 Oxford Rd #3, Bright, ON N0J 1B0, Canada. Prior to being used for soil extraction activities, the property was used for agricultural activities (crop cultivation). This pit and operations are regulated by the Ontario, Canada Ministry of Natural Resources and Forestry under Aggregate and License Permit System (ALPS) NO. 11929. Product produced from this fill source is used on baseball fields in recreational and commercial applications.

Provide a list of supporting documentation included with this request:

See attached spec sheet for Mar-Co 15 Series Standard Mix, City of Buffalo, NY
Eurofins Analytical Report #480-217345-1
Table 1: Soil/Fill Import Analytical Summary

The information provided on this form is accurate and complete.



Signature

4/16/2024

Date

Andrew Benkleman

Print Name

LaBella Associates

Firm

TABLE 1
Soil/Fill Import Analytical Summary
Marco-Clay Infield Clay Product
Franczyk Park, City of Buffalo, New York
Summary of Detected Compounds in Soil

Sample ID	NYCRR Part 375 Import Soil/Fill SCOs	MARCO CLAY IMPORT	
Sample Date		2/27/2024	
Metals			
Arsenic	16	5.0	
Barium	400	169	
Beryllium	47	0.66	
Cadmium	4.3	0.065	J
Chromium	180	19.9	
Copper	270	7.5	
Lead	400	6.1	B
Manganese	2,000	835	
Nickel	130	16.9	
Selenium	180	0.72	J
Zinc	2,480	50.4	

NOTES:

All values displayed in milligrams per kilograms (mg/kg) or parts per million (ppm)

NYCRR Part 375 Imported Soil/Fill SCOs = Site Specific Soil Cleanup Objectives (SCOs) for imported soil/fill (Table 4 from Franczyk Park Site Management Plan dated February 2015). SCOs are the lower of the NYCRR Part 375-6.8(b) Restricted Residential Use SCO and Protection of Groundwater SCO

Bold font indicates the concentration exceeds the Site Specific SCOs

J indicates an estimated value

B = Compound was found in the blank sample

LaBella
Powered by partnership.

Dealer Login
Architect Login

Clay-Based Surfaces

Mar-Co's Ballfield Clay products have been developed precisely for baseball fields. Each product has been scientifically developed for a specific place and function. Mar-Co products have been designed to enhance player's safety and playability, as well as improve drainage, water retention and aesthetics. Our user friendly products assist groundskeepers by saving time and providing better, safer playing surfaces!

Infield Clay

Back to Clay-Based Surfaces

Mar-Co Infield Clay is a controlled blend of clay, sand and aggregate and is available in 3 standard mixes: **Firm**, **Standard** and **Light**. If your requirements dictate a unique blend, we can provide custom blends upon request.

Our 3 standard mixes come in 2 particle sizes: **15 series** (1/8 inch) and **20 series** (3/16 inch). Our infield clays are designed to maximize safety, playability, drainage and appearance, while at the same time fitting into your existing maintenance program.

INFIELD CLAY 15 SERIES (LIGHT)

Nominal Size: < 1/8"

Characteristics:

. High drainage
. Fine texture
. Softer footing
. Soft bounce
. Good water retention

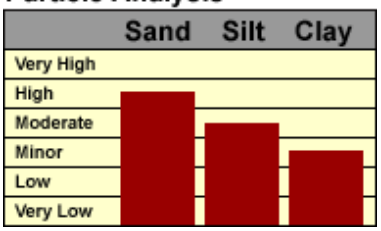
Field Usage:

. Infield skin
. Warning track

Maintenance Practices:

. Casual groundskeeping equipment & practices

Particle Analysis



Maintenance

Low	Medium	High
●		

INFIELD CLAY 15 SERIES (STANDARD)

Nominal Size: < 1/8"

Characteristics:

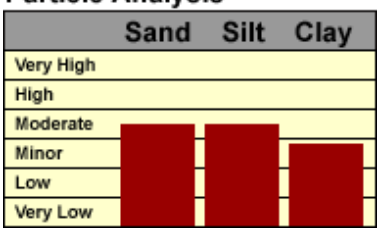
. Good drainage
. Moderate footing
. Standard bounce
. Good water retention

Field Usage:

. Infield skin
. Casual home plate area

Maintenance Practices:

Particle Analysis



. Requires consistent spike and mat dragging along with a casual watering program

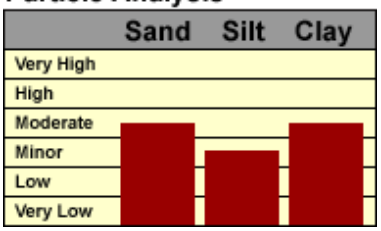
Maintenance

Low	Medium	High
	●	

INFIELD CLAY 15 SERIES (FIRM)

Nominal Size: < 1/8"

Particle Analysis



Characteristics:

. Good drainage
. Firm footing
. True bounce
. High water retention

Field Usage:

. Professional infield skin
. Standard home plate area

Maintenance Practices:

. Requires professional groundskeeping practices including appropriate spike and mat dragging as well as a monitored watering program

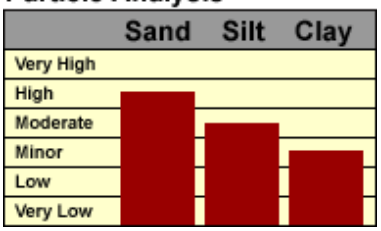
Maintenance

Low	Medium	High
		●

INFIELD CLAY 20 SERIES (LIGHT)

Nominal Size: < 3/16"

Particle Analysis



Characteristics:

. High drainage
. Fine texture
. Softer footing
. Soft bounce
. Good water retention

Field Usage:

. Infield skin
. Warning track

Maintenance Practices:

. Casual groundskeeping equipment & practices

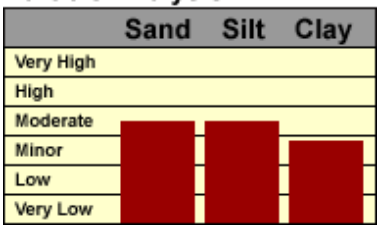
Maintenance

Low	Medium	High
●		

INFIELD CLAY 20 SERIES (STANDARD)

Nominal Size: < 3/16"

Particle Analysis



Characteristics:

. Good drainage
. Moderate footing
. Standard bounce
. Good water retention

Field Usage:

. Infield skin
. Casual home plate area

Maintenance Practices:

. Requires consistent spike and mat dragging along with a casual watering program

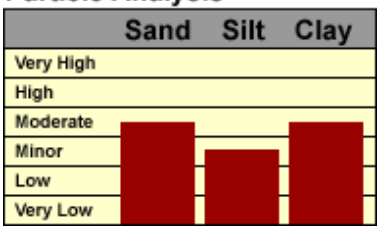
Maintenance

Low	Medium	High
	●	

INFIELD CLAY 20 SERIES (FIRM)

Nominal Size: < 3/16"

Particle Analysis



Characteristics:

. Moderate drainage
. Firm footing
. True bounce
. High water retention

Field Usage:

. Professional infield skin
. Standard home plate area

Maintenance Practices:

. Requires professional groundskeeping practices including appropriate spike and mat dragging as well as a monitored watering program

Maintenance

Low	Medium	High
		●

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Andrew Benkleman
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

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JOB DESCRIPTION

Franczyk Park site

JOB NUMBER

480-217345-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

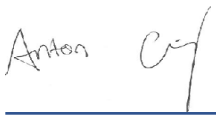
See page two for job notes and contact information.

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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3/7/2024 5:01:43 PM

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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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.

LCMS

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.

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.
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.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
480-217345-1

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 2/27/2024 5:00 PM. Unless otherwise noted below, the sample arrived in good condition. The temperature of the cooler at receipt time was 16.1°C.

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

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

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

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

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

PFAS
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: Franczyk Park site

Job ID: 480-217345-1

Client Sample ID: MARCO CLAY IMPORT 2024 — Lab Sample ID: 480-217345-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.0		2.2	0.44	mg/Kg	1	☼	6010C	Total/NA
Barium	169		0.55	0.12	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.66		0.22	0.031	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.065	J	0.22	0.033	mg/Kg	1	☼	6010C	Total/NA
Chromium	19.9		0.55	0.22	mg/Kg	1	☼	6010C	Total/NA
Copper	7.5		1.1	0.23	mg/Kg	1	☼	6010C	Total/NA
Lead	6.1	B	1.1	0.26	mg/Kg	1	☼	6010C	Total/NA
Manganese	835		0.22	0.035	mg/Kg	1	☼	6010C	Total/NA
Nickel	16.9		5.5	0.25	mg/Kg	1	☼	6010C	Total/NA
Selenium	0.72	J	4.4	0.44	mg/Kg	1	☼	6010C	Total/NA
Zinc	50.4		2.2	0.70	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MARCO CLAY IMPORT 2024
Date Collected: 02/27/24 14:30
Date Received: 02/27/24 17:00

Lab Sample ID: 480-217345-1
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.4	0.39	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
1,1-Dichloroethane	ND	vs	5.4	0.66	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
1,1-Dichloroethene	ND	vs	5.4	0.66	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
1,2,4-Trimethylbenzene	ND	vs	5.4	1.0	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
1,2-Dichlorobenzene	ND	vs	5.4	0.42	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
1,2-Dichloroethane	ND	vs	5.4	0.27	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
1,3,5-Trimethylbenzene	ND	vs	5.4	0.35	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
1,3-Dichlorobenzene	ND	vs	5.4	0.28	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
1,4-Dichlorobenzene	ND	vs	5.4	0.76	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
1,4-Dioxane	ND	vs	110	24	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
2-Butanone (MEK)	ND	vs	27	2.0	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
Acetone	ND	vs	27	4.6	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
Benzene	ND	vs	5.4	0.27	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
Carbon tetrachloride	ND	vs	5.4	0.52	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
Chlorobenzene	ND	vs	5.4	0.71	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
Chloroform	ND	vs	5.4	0.33	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
cis-1,2-Dichloroethene	ND	vs	5.4	0.69	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
Ethylbenzene	ND	vs	5.4	0.37	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
Methyl tert-butyl ether	ND	vs	5.4	0.53	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
Methylene Chloride	ND	vs	5.4	2.5	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
n-Butylbenzene	ND	vs	5.4	0.47	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
N-Propylbenzene	ND	vs	5.4	0.43	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
sec-Butylbenzene	ND	vs	5.4	0.47	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
tert-Butylbenzene	ND	vs	5.4	0.56	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
Tetrachloroethene	ND	vs	5.4	0.73	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
Toluene	ND	vs	5.4	0.41	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
trans-1,2-Dichloroethene	ND	vs	5.4	0.56	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
Trichloroethene	ND	vs	5.4	1.2	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
Vinyl chloride	ND	vs	5.4	0.66	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1
Xylenes, Total	ND	vs	11	0.91	ug/Kg	☼	02/28/24 16:39	02/28/24 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*64 - 126*	*02/28/24 16:39*	*02/28/24 21:39*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*	*02/28/24 16:39*	*02/28/24 21:39*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*02/28/24 16:39*	*02/28/24 21:39*	*1*
Toluene-d8 (Surr)	*99*		*71 - 125*	*02/28/24 16:39*	*02/28/24 21:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		110	59	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
2-Methylphenol	ND		180	22	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
3-Methylphenol	ND		360	28	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
4-Methylphenol	ND		360	22	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Acenaphthene	ND		180	27	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Acenaphthylene	ND		180	24	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Anthracene	ND		180	45	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Benzo[a]anthracene	ND		180	18	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Benzo[a]pyrene	ND		180	27	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Benzo[b]fluoranthene	ND		180	29	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Benzo[g,h,i]perylene	ND		180	19	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1

Client Sample ID: MARCO CLAY IMPORT 2024

Date Collected: 02/27/24 14:30
Date Received: 02/27/24 17:00

Lab Sample ID: 480-217345-1

Matrix: Solid
Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		180	24	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Chrysene	ND		180	41	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Dibenz(a,h)anthracene	ND		180	32	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Dibenzofuran	ND		180	22	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Fluoranthene	ND		180	19	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Fluorene	ND		180	22	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Hexachlorobenzene	ND		180	25	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Indeno[1,2,3-cd]pyrene	ND		180	23	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Naphthalene	ND		180	24	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Pentachlorophenol	ND		360	180	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Phenanthrene	ND		180	27	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Phenol	ND		180	28	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1
Pyrene	ND		180	22	ug/Kg	☼	02/29/24 16:23	03/01/24 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*54 - 120*	*02/29/24 16:23*	*03/01/24 21:39*	*1*
2-Fluorobiphenyl (Surr)	*112*		*60 - 120*	*02/29/24 16:23*	*03/01/24 21:39*	*1*
2-Fluorophenol (Surr)	*90*		*52 - 120*	*02/29/24 16:23*	*03/01/24 21:39*	*1*
Nitrobenzene-d5 (Surr)	*106*		*53 - 120*	*02/29/24 16:23*	*03/01/24 21:39*	*1*
Phenol-d5 (Surr)	*92*		*54 - 120*	*02/29/24 16:23*	*03/01/24 21:39*	*1*
p-Terphenyl-d14 (Surr)	*93*		*79 - 130*	*02/29/24 16:23*	*03/01/24 21:39*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.8	0.35	ug/Kg	☼	02/29/24 16:35	03/01/24 16:44	1
4,4'-DDE	ND		1.8	0.38	ug/Kg	☼	02/29/24 16:35	03/01/24 16:44	1
4,4'-DDT	ND		1.8	0.42	ug/Kg	☼	02/29/24 16:35	03/01/24 16:44	1
Aldrin	ND		1.8	0.45	ug/Kg	☼	02/29/24 16:35	03/01/24 16:44	1
alpha-BHC	ND		1.8	0.33	ug/Kg	☼	02/29/24 16:35	03/01/24 16:44	1
beta-BHC	ND		1.8	0.33	ug/Kg	☼	02/29/24 16:35	03/01/24 16:44	1
cis-Chlordane	ND		1.8	0.90	ug/Kg	☼	02/29/24 16:35	03/01/24 16:44	1
delta-BHC	ND		1.8	0.34	ug/Kg	☼	02/29/24 16:35	03/01/24 16:44	1
Dieldrin	ND		1.8	0.44	ug/Kg	☼	02/29/24 16:35	03/01/24 16:44	1
Endosulfan I	ND		1.8	0.35	ug/Kg	☼	02/29/24 16:35	03/01/24 16:44	1
Endosulfan II	ND		1.8	0.33	ug/Kg	☼	02/29/24 16:35	03/01/24 16:44	1
Endosulfan sulfate	ND		1.8	0.34	ug/Kg	☼	02/29/24 16:35	03/01/24 16:44	1
Endrin	ND		1.8	0.36	ug/Kg	☼	02/29/24 16:35	03/01/24 16:44	1
gamma-BHC (Lindane)	ND		1.8	0.33	ug/Kg	☼	02/29/24 16:35	03/01/24 16:44	1
Heptachlor	ND		1.8	0.39	ug/Kg	☼	02/29/24 16:35	03/01/24 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*45 - 120*	*02/29/24 16:35*	*03/01/24 16:44*	*1*
DCB Decachlorobiphenyl	*91*		*45 - 120*	*02/29/24 16:35*	*03/01/24 16:44*	*1*
Tetrachloro-m-xylene	*85*		*30 - 124*	*02/29/24 16:35*	*03/01/24 16:44*	*1*
Tetrachloro-m-xylene	*77*		*30 - 124*	*02/29/24 16:35*	*03/01/24 16:44*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.044	mg/Kg	☼	02/29/24 08:08	02/29/24 20:51	1
PCB-1221	ND		0.23	0.044	mg/Kg	☼	02/29/24 08:08	02/29/24 20:51	1

Client Sample ID: MARCO CLAY IMPORT 2024

Date Collected: 02/27/24 14:30
Date Received: 02/27/24 17:00

Lab Sample ID: 480-217345-1

Matrix: Solid
Percent Solids: 91.0

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.23	0.044	mg/Kg	☼	02/29/24 08:08	02/29/24 20:51	1
PCB-1242	ND		0.23	0.044	mg/Kg	☼	02/29/24 08:08	02/29/24 20:51	1
PCB-1248	ND		0.23	0.044	mg/Kg	☼	02/29/24 08:08	02/29/24 20:51	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	02/29/24 08:08	02/29/24 20:51	1
PCB-1260	ND		0.23	0.11	mg/Kg	☼	02/29/24 08:08	02/29/24 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*65 - 174*	*02/29/24 08:08*	*02/29/24 20:51*	*1*
DCB Decachlorobiphenyl	*98*		*65 - 174*	*02/29/24 08:08*	*02/29/24 20:51*	*1*
Tetrachloro-m-xylene	*103*		*60 - 154*	*02/29/24 08:08*	*02/29/24 20:51*	*1*
Tetrachloro-m-xylene	*97*		*60 - 154*	*02/29/24 08:08*	*02/29/24 20:51*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		18	6.5	ug/Kg	☼	03/01/24 10:45	03/05/24 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*67*		*28 - 129*	*03/01/24 10:45*	*03/05/24 17:26*	*1*
2,4-Dichlorophenylacetic acid	*63*		*28 - 129*	*03/01/24 10:45*	*03/05/24 17:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.88	0.041	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluoropentanoic acid (PFPeA)	ND		0.44	0.023	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluorohexanoic acid (PFHxA)	ND		0.22	0.023	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluoroheptanoic acid (PFHpA)	ND		0.22	0.024	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluorooctanoic acid (PFOA)	ND		0.22	0.046	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluorononanoic acid (PFNA)	ND		0.22	0.013	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluorodecanoic acid (PFDA)	ND		0.22	0.082	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluoroundecanoic acid (PFUnA)	ND		0.22	0.031	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluorododecanoic acid (PFDoA)	ND		0.22	0.062	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluorotridecanoic acid (PFTriA)	ND		0.22	0.031	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.22	0.019	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.015	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.22	0.014	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.022	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.031	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.22	0.062	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluorononanesulfonic acid (PFNS)	ND		0.22	0.031	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.022	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.22	0.019	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
4:2 FTS	ND		0.88	0.085	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
6:2 FTS	ND		0.88	0.53	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
8:2 FTS	ND		0.88	0.13	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.22	0.013	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
NMeFOSA	ND		0.22	0.026	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
NEtFOSA	ND		0.22	0.034	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
NMeFOSAA	ND		0.22	0.027	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1

Client Sample ID: MARCO CLAY IMPORT 2024
Date Collected: 02/27/24 14:30
Date Received: 02/27/24 17:00

Lab Sample ID: 480-217345-1
Matrix: Solid
Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSAA	ND		0.22	0.026	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
NMeFOSE	ND		2.2	0.11	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
NEtFOSE	ND		2.2	0.12	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
HFPO-DA (GenX)	ND		0.88	0.10	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.88	0.089	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
PFMBA	ND		0.44	0.021	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
NFDHA	ND		0.44	0.053	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
PFMPA	ND		0.44	0.10	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
9Cl-PF3ONS	ND		0.88	0.056	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
11Cl-PF3OUdS	ND		0.88	0.13	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
PFEESA	ND		0.44	0.044	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
3:3 FTCA	ND		1.1	0.19	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
5:3 FTCA	ND		5.5	0.40	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1
7:3 FTCA	ND		5.5	0.34	ug/Kg	☼	03/01/24 08:02	03/04/24 23:12	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*93*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
13C5 PFPeA	*94*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
13C5 PFHxA	*89*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
13C4 PFHpA	*89*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
13C8 PFOA	*87*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
13C9 PFNA	*85*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
13C6 PFDA	*78*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
13C7 PFUnA	*64*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
13C2 PFDoA	*55*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
13C2 PFTeDA	*37*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
13C3 PFBS	*88*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
13C3 PFHxS	*80*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
13C8 PFOS	*73*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
13C8 FOSA	*113*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
d3-NMeFOSAA	*91*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
d5-NEtFOSAA	*81*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
M2-4:2 FTS	*88*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
M2-6:2 FTS	*88*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
M2-8:2 FTS	*89*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
13C3 HFPO-DA	*91*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
d7-N-MeFOSE-M	*60*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
d9-N-EtFOSE-M	*54*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
d5-NEtPFOSA	*56*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*
d3-NMePFOSA	*60*		*20 - 150*	*03/01/24 08:02*	*03/04/24 23:12*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.0**		2.2	0.44	mg/Kg	☼	02/28/24 14:36	02/29/24 22:16	1
Barium	**169**		0.55	0.12	mg/Kg	☼	02/28/24 14:36	02/29/24 22:16	1
Beryllium	**0.66**		0.22	0.031	mg/Kg	☼	02/28/24 14:36	02/29/24 22:16	1
Cadmium	**0.065**	**J**	0.22	0.033	mg/Kg	☼	02/28/24 14:36	02/29/24 22:16	1
Chromium	**19.9**		0.55	0.22	mg/Kg	☼	02/28/24 14:36	02/29/24 22:16	1
Copper	**7.5**		1.1	0.23	mg/Kg	☼	02/28/24 14:36	02/29/24 22:16	1
Lead	**6.1**	**B**	1.1	0.26	mg/Kg	☼	02/28/24 14:36	02/29/24 22:16	1

Client: LaBella Associates DPC
Project/Site: Franczyk Park site

Job ID: 480-217345-1

Client Sample ID: MARCO CLAY IMPORT 2024

Date Collected: 02/27/24 14:30
Date Received: 02/27/24 17:00

Lab Sample ID: 480-217345-1

Matrix: Solid
Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**835**		0.22	0.035	mg/Kg	☼	02/28/24 14:36	02/29/24 22:16	1
Nickel	**16.9**		5.5	0.25	mg/Kg	☼	02/28/24 14:36	02/29/24 22:16	1
Selenium	**0.72**	**J**	4.4	0.44	mg/Kg	☼	02/28/24 14:36	02/29/24 22:16	1
Silver	ND		0.66	0.22	mg/Kg	☼	02/28/24 14:36	03/01/24 16:00	1
Zinc	**50.4**		2.2	0.70	mg/Kg	☼	02/28/24 14:36	02/29/24 22:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.022	0.0052	mg/Kg	☼	02/29/24 11:24	02/29/24 14:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		2.2	0.93	mg/Kg	☼	03/06/24 09:30	03/06/24 15:15	1
Cyanide, Total (SW846 9012B)	ND	F1	1.1	0.53	mg/Kg	☼	02/29/24 10:53	02/29/24 13:29	1

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: Franczyk Park site

Job ID: 480-217345-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(60-140)	(71-125)
480-217345-1	MARCO CLAY IMPORT 2024	114	100	106	99
LCS 480-702200/1-A	Lab Control Sample	103	98	103	98
MB 480-702200/2-A	Method Blank	111	101	109	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(54-120)	(60-120)	(52-120)	(53-120)	(54-120)	(79-130)
480-217345-1	MARCO CLAY IMPORT 2024	98	112	90	106	92	93
LCS 480-702335/2-A	Lab Control Sample	95	93	85	90	86	98
MB 480-702335/1-A	Method Blank	84	95	90	97	95	103

Surrogate Legend

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

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(45-120)	(45-120)	(30-124)	(30-124)
480-217345-1	MARCO CLAY IMPORT 2024	101	91	85	77
LCS 480-702336/2-A	Lab Control Sample	101	97	72	60
MB 480-702336/1-A	Method Blank	101	94	67	56

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(65-174)	(65-174)	(60-154)	(60-154)
480-217345-1	MARCO CLAY IMPORT 2024	89	98	103	97
LCS 480-702225/2-A	Lab Control Sample	112	131	129	124
MB 480-702225/1-A	Method Blank	114	126	124	120

Surrogate Legend

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: Franczyk Park site

Job ID: 480-217345-1

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCPAA1 (28-129)	DCPAA2 (28-129)								
480-217345-1	MARCO CLAY IMPORT 2024	67	63								
LCS 480-702420/2-A	Lab Control Sample	80	79								
MB 480-702420/1-A	Method Blank	65	57								

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Isotope Dilution Summary

Client: LaBella Associates DPC
Project/Site: Franczyk Park site

Job ID: 480-217345-1

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

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

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (20-150)	PFPeA (20-150)	13C5PHA (20-150)	C4PFHA (20-150)	C8PFOA (20-150)	C9PFNA (20-150)	C6PFDA (20-150)	13C7PUA (20-150)
480-217345-1	MARCO CLAY IMPORT 2024	93	94	89	89	87	85	78	64
LCS 280-644475/3-A	Lab Control Sample	78	76	78	75	80	75	74	71
LLCS 280-644475/2-A	Lab Control Sample	87	71	87	78	90	86	83	75
MB 280-644475/1-A	Method Blank	87	90	88	80	91	85	79	62

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoA (20-150)	PFTDA (20-150)	C3PFBS (20-150)	C3PFHS (20-150)	C8PFOS (20-150)	PFOSA (20-150)	d3NMFOS (20-150)	d5NEFOS (20-150)
480-217345-1	MARCO CLAY IMPORT 2024	55	37	88	80	73	113	91	81
LCS 280-644475/3-A	Lab Control Sample	68	58	93	77	77	92	80	73
LLCS 280-644475/2-A	Lab Control Sample	74	56	92	83	87	98	84	82
MB 280-644475/1-A	Method Blank	52	41	93	89	80	93	75	64

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M242FTS (20-150)	M262FTS (20-150)	M282FTS (20-150)	HFPODA (20-150)	NMFM (20-150)	NEFM (20-150)	d5NPFSA (20-150)	d3NMFSA (20-150)
480-217345-1	MARCO CLAY IMPORT 2024	88	88	89	91	60	54	56	60
LCS 280-644475/3-A	Lab Control Sample	83	76	83	64	58	65	53	51
LLCS 280-644475/2-A	Lab Control Sample	86	84	78	79	62	59	52	56
MB 280-644475/1-A	Method Blank	89	85	83	90	53	54	43	47

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
PFDoA = 13C2 PFDoA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
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-NMePFOSA

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-702200/2-A
Matrix: Solid
Analysis Batch: 702201

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702200

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
1,4-Dioxane	ND		100	22	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
Acetone	ND		25	4.2	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
Benzene	ND		5.0	0.25	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
Chloroform	ND		5.0	0.31	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
n-Butylbenzene	ND		5.0	0.44	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
Toluene	ND		5.0	0.38	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
Trichloroethene	ND		5.0	1.1	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		02/28/24 16:39	02/28/24 20:24	1
Xylenes, Total	ND		10	0.84	ug/Kg		02/28/24 16:39	02/28/24 20:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*	*02/28/24 16:39*	*02/28/24 20:24*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*02/28/24 16:39*	*02/28/24 20:24*	*1*
Dibromofluoromethane (Surr)	*109*		*60 - 140*	*02/28/24 16:39*	*02/28/24 20:24*	*1*
Toluene-d8 (Surr)	*100*		*71 - 125*	*02/28/24 16:39*	*02/28/24 20:24*	*1*

Lab Sample ID: LCS 480-702200/1-A
Matrix: Solid
Analysis Batch: 702201

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702200

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	44.9		ug/Kg		90	77 - 121
1,1-Dichloroethane	50.0	44.7		ug/Kg		89	73 - 126
1,1-Dichloroethene	50.0	38.8		ug/Kg		78	59 - 125
1,2,4-Trimethylbenzene	50.0	43.4		ug/Kg		87	74 - 120
1,2-Dichlorobenzene	50.0	44.2		ug/Kg		88	75 - 120
1,2-Dichloroethane	50.0	50.6		ug/Kg		101	77 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-702200/1-A
Matrix: Solid
Analysis Batch: 702201

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702200

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3,5-Trimethylbenzene	50.0	43.5		ug/Kg		87	74 - 120
1,3-Dichlorobenzene	50.0	44.5		ug/Kg		89	74 - 120
1,4-Dichlorobenzene	50.0	43.0		ug/Kg		86	73 - 120
1,4-Dioxane	1000	916		ug/Kg		92	64 - 124
2-Butanone (MEK)	250	261		ug/Kg		105	70 - 134
Acetone	250	303		ug/Kg		121	61 - 137
Benzene	50.0	43.0		ug/Kg		86	79 - 127
Carbon tetrachloride	50.0	45.6		ug/Kg		91	75 - 135
Chlorobenzene	50.0	43.6		ug/Kg		87	76 - 124
Chloroform	50.0	44.6		ug/Kg		89	80 - 120
cis-1,2-Dichloroethene	50.0	44.1		ug/Kg		88	81 - 120
Ethylbenzene	50.0	42.4		ug/Kg		85	80 - 120
Methyl tert-butyl ether	50.0	45.8		ug/Kg		92	63 - 125
Methylene Chloride	50.0	45.0		ug/Kg		90	61 - 127
n-Butylbenzene	50.0	41.9		ug/Kg		84	70 - 120
N-Propylbenzene	50.0	42.9		ug/Kg		86	70 - 130
sec-Butylbenzene	50.0	43.8		ug/Kg		88	74 - 120
tert-Butylbenzene	50.0	43.1		ug/Kg		86	73 - 120
Tetrachloroethene	50.0	42.5		ug/Kg		85	74 - 122
Toluene	50.0	42.4		ug/Kg		85	74 - 128
trans-1,2-Dichloroethene	50.0	42.8		ug/Kg		86	78 - 126
Trichloroethene	50.0	42.6		ug/Kg		85	77 - 129
Vinyl chloride	50.0	44.4		ug/Kg		89	61 - 133
Xylenes, Total	100	84.1		ug/Kg		84	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*
Dibromofluoromethane (Surr)	*103*		*60 - 140*
Toluene-d8 (Surr)	*98*		*71 - 125*

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

Lab Sample ID: MB 480-702335/1-A
Matrix: Solid
Analysis Batch: 702387

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702335

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		98	54	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
2-Methylphenol	ND		170	20	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
3-Methylphenol	ND		320	26	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
4-Methylphenol	ND		320	20	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Acenaphthene	ND		170	25	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Acenaphthylene	ND		170	22	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Anthracene	ND		170	41	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Benzo[a]anthracene	ND		170	17	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Benzo[a]pyrene	ND		170	25	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Benzo[b]fluoranthene	ND		170	27	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		02/29/24 16:23	03/01/24 12:47	1

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

Lab Sample ID: MB 480-702335/1-A
Matrix: Solid
Analysis Batch: 702387

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702335

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		170	22	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Chrysene	ND		170	37	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Dibenz(a,h)anthracene	ND		170	29	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Dibenzofuran	ND		170	20	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Fluoranthene	ND		170	18	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Fluorene	ND		170	20	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Hexachlorobenzene	ND		170	23	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Indeno[1,2,3-cd]pyrene	ND		170	21	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Naphthalene	ND		170	22	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Pentachlorophenol	ND		320	170	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Phenanthrene	ND		170	25	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Phenol	ND		170	26	ug/Kg		02/29/24 16:23	03/01/24 12:47	1
Pyrene	ND		170	20	ug/Kg		02/29/24 16:23	03/01/24 12:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*54 - 120*	*02/29/24 16:23*	*03/01/24 12:47*	*1*
2-Fluorobiphenyl (Surr)	*95*		*60 - 120*	*02/29/24 16:23*	*03/01/24 12:47*	*1*
2-Fluorophenol (Surr)	*90*		*52 - 120*	*02/29/24 16:23*	*03/01/24 12:47*	*1*
Nitrobenzene-d5 (Surr)	*97*		*53 - 120*	*02/29/24 16:23*	*03/01/24 12:47*	*1*
Phenol-d5 (Surr)	*95*		*54 - 120*	*02/29/24 16:23*	*03/01/24 12:47*	*1*
p-Terphenyl-d14 (Surr)	*103*		*79 - 130*	*02/29/24 16:23*	*03/01/24 12:47*	*1*

Lab Sample ID: LCS 480-702335/2-A
Matrix: Solid
Analysis Batch: 702387

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702335

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	1650	871		ug/Kg		53	23 - 120
2-Methylphenol	1650	1260		ug/Kg		76	54 - 120
3-Methylphenol	1650	1310		ug/Kg		79	55 - 120
4-Methylphenol	1650	1310		ug/Kg		79	55 - 120
Acenaphthene	1650	1490		ug/Kg		90	62 - 120
Acenaphthylene	1650	1460		ug/Kg		88	58 - 121
Anthracene	1650	1530		ug/Kg		93	62 - 120
Benzo[a]anthracene	1650	1550		ug/Kg		94	65 - 120
Benzo[a]pyrene	1650	1550		ug/Kg		94	64 - 120
Benzo[b]fluoranthene	1650	1610		ug/Kg		98	64 - 120
Benzo[g,h,i]perylene	1650	1520		ug/Kg		92	45 - 145
Benzo[k]fluoranthene	1650	1500		ug/Kg		91	65 - 120
Chrysene	1650	1510		ug/Kg		91	64 - 120
Dibenz(a,h)anthracene	1650	1510		ug/Kg		91	54 - 132
Dibenzofuran	1650	1480		ug/Kg		90	63 - 120
Fluoranthene	1650	1510		ug/Kg		91	62 - 120
Fluorene	1650	1420		ug/Kg		86	63 - 120
Hexachlorobenzene	1650	1530		ug/Kg		93	60 - 120
Indeno[1,2,3-cd]pyrene	1650	1520		ug/Kg		92	56 - 134
Naphthalene	1650	1390		ug/Kg		84	55 - 120
Pentachlorophenol	3310	2750		ug/Kg		83	10 - 120

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

Lab Sample ID: LCS 480-702335/2-A
Matrix: Solid
Analysis Batch: 702387

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702335

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenanthrene	1650	1540		ug/Kg		93	60 - 120
Phenol	1650	1370		ug/Kg		83	53 - 120
Pyrene	1650	1690		ug/Kg		102	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*95*		*54 - 120*
2-Fluorobiphenyl (Surr)	*93*		*60 - 120*
2-Fluorophenol (Surr)	*85*		*52 - 120*
Nitrobenzene-d5 (Surr)	*90*		*53 - 120*
Phenol-d5 (Surr)	*86*		*54 - 120*
p-Terphenyl-d14 (Surr)	*98*		*79 - 130*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-702336/1-A
Matrix: Solid
Analysis Batch: 702371

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702336

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.6	0.31	ug/Kg		02/29/24 16:35	03/01/24 08:56	1
4,4'-DDE	ND		1.6	0.34	ug/Kg		02/29/24 16:35	03/01/24 08:56	1
4,4'-DDT	ND		1.6	0.38	ug/Kg		02/29/24 16:35	03/01/24 08:56	1
Aldrin	ND		1.6	0.40	ug/Kg		02/29/24 16:35	03/01/24 08:56	1
alpha-BHC	ND		1.6	0.29	ug/Kg		02/29/24 16:35	03/01/24 08:56	1
beta-BHC	ND		1.6	0.29	ug/Kg		02/29/24 16:35	03/01/24 08:56	1
cis-Chlordane	ND		1.6	0.81	ug/Kg		02/29/24 16:35	03/01/24 08:56	1
delta-BHC	ND		1.6	0.30	ug/Kg		02/29/24 16:35	03/01/24 08:56	1
Dieldrin	ND		1.6	0.39	ug/Kg		02/29/24 16:35	03/01/24 08:56	1
Endosulfan I	ND		1.6	0.31	ug/Kg		02/29/24 16:35	03/01/24 08:56	1
Endosulfan II	ND		1.6	0.29	ug/Kg		02/29/24 16:35	03/01/24 08:56	1
Endosulfan sulfate	ND		1.6	0.30	ug/Kg		02/29/24 16:35	03/01/24 08:56	1
Endrin	ND		1.6	0.32	ug/Kg		02/29/24 16:35	03/01/24 08:56	1
gamma-BHC (Lindane)	ND		1.6	0.30	ug/Kg		02/29/24 16:35	03/01/24 08:56	1
Heptachlor	ND		1.6	0.35	ug/Kg		02/29/24 16:35	03/01/24 08:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*45 - 120*	*02/29/24 16:35*	*03/01/24 08:56*	*1*
DCB Decachlorobiphenyl	*94*		*45 - 120*	*02/29/24 16:35*	*03/01/24 08:56*	*1*
Tetrachloro-m-xylene	*67*		*30 - 124*	*02/29/24 16:35*	*03/01/24 08:56*	*1*
Tetrachloro-m-xylene	*56*		*30 - 124*	*02/29/24 16:35*	*03/01/24 08:56*	*1*

Lab Sample ID: LCS 480-702336/2-A
Matrix: Solid
Analysis Batch: 702371

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702336

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	16.5	15.0		ug/Kg		91	56 - 120
4,4'-DDE	16.5	12.5		ug/Kg		76	44 - 120

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-702336/2-A
Matrix: Solid
Analysis Batch: 702371

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702336

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDT	16.5	13.4		ug/Kg		81	38 - 120
Aldrin	16.5	13.2		ug/Kg		80	38 - 120
alpha-BHC	16.5	11.1		ug/Kg		67	39 - 120
beta-BHC	16.5	12.7		ug/Kg		77	40 - 120
cis-Chlordane	16.5	12.8		ug/Kg		77	47 - 120
delta-BHC	16.5	12.6		ug/Kg		76	45 - 120
Dieldrin	16.5	15.2		ug/Kg		92	58 - 120
Endosulfan I	16.5	14.3		ug/Kg		87	49 - 120
Endosulfan II	16.5	16.7		ug/Kg		101	55 - 120
Endosulfan sulfate	16.5	12.6		ug/Kg		76	49 - 124
Endrin	16.5	15.5		ug/Kg		94	58 - 120
gamma-BHC (Lindane)	16.5	12.1		ug/Kg		73	50 - 120
Heptachlor	16.5	13.3		ug/Kg		81	50 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*101*		*45 - 120*
DCB Decachlorobiphenyl	*97*		*45 - 120*
Tetrachloro-m-xylene	*72*		*30 - 124*
Tetrachloro-m-xylene	*60*		*30 - 124*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-702225/1-A
Matrix: Solid
Analysis Batch: 702331

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.046	mg/Kg		02/29/24 08:08	02/29/24 18:31	1
PCB-1221	ND		0.24	0.046	mg/Kg		02/29/24 08:08	02/29/24 18:31	1
PCB-1232	ND		0.24	0.046	mg/Kg		02/29/24 08:08	02/29/24 18:31	1
PCB-1242	ND		0.24	0.046	mg/Kg		02/29/24 08:08	02/29/24 18:31	1
PCB-1248	ND		0.24	0.046	mg/Kg		02/29/24 08:08	02/29/24 18:31	1
PCB-1254	ND		0.24	0.11	mg/Kg		02/29/24 08:08	02/29/24 18:31	1
PCB-1260	ND		0.24	0.11	mg/Kg		02/29/24 08:08	02/29/24 18:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*114*		*65 - 174*	*02/29/24 08:08*	*02/29/24 18:31*	*1*
DCB Decachlorobiphenyl	*126*		*65 - 174*	*02/29/24 08:08*	*02/29/24 18:31*	*1*
Tetrachloro-m-xylene	*124*		*60 - 154*	*02/29/24 08:08*	*02/29/24 18:31*	*1*
Tetrachloro-m-xylene	*120*		*60 - 154*	*02/29/24 08:08*	*02/29/24 18:31*	*1*

Lab Sample ID: LCS 480-702225/2-A
Matrix: Solid
Analysis Batch: 702331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	2.23	2.65		mg/Kg		119	51 - 185
PCB-1260	2.23	2.70		mg/Kg		121	61 - 184

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-702225/2-A
Matrix: Solid
Analysis Batch: 702331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702225

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*112*		*65 - 174*
DCB Decachlorobiphenyl	*131*		*65 - 174*
Tetrachloro-m-xylene	*129*		*60 - 154*
Tetrachloro-m-xylene	*124*		*60 - 154*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 480-702420/1-A
Matrix: Solid
Analysis Batch: 702613

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702420

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		17	5.9	ug/Kg		03/01/24 10:45	03/05/24 12:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*65*		*28 - 129*	*03/01/24 10:45*	*03/05/24 12:14*	*1*
2,4-Dichlorophenylacetic acid	*57*		*28 - 129*	*03/01/24 10:45*	*03/05/24 12:14*	*1*

Lab Sample ID: LCS 480-702420/2-A
Matrix: Solid
Analysis Batch: 702613

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702420

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silvex (2,4,5-TP)	65.5	53.6		ug/Kg		82	39 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*80*		*28 - 129*
2,4-Dichlorophenylacetic acid	*79*		*28 - 129*

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

Lab Sample ID: MB 280-644475/1-A
Matrix: Solid
Analysis Batch: 644887

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 644475

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.78	0.036	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluoropentanoic acid (PFPeA)	ND		0.39	0.021	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.021	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.022	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.041	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.012	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.074	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.027	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.055	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.027	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.017	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.014	ug/Kg		03/01/24 08:02	03/04/24 19:19	1

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

Lab Sample ID: MB 280-644475/1-A
Matrix: Solid
Analysis Batch: 644887

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 644475

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.013	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.020	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.027	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.055	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.027	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.020	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.017	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
4:2 FTS	ND		0.78	0.075	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
6:2 FTS	ND		0.78	0.47	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
8:2 FTS	ND		0.78	0.11	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.012	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
NMeFOSA	ND		0.20	0.024	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
NEtFOSA	ND		0.20	0.030	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
NMeFOSAA	ND		0.20	0.025	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
NEtFOSAA	ND		0.20	0.024	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
NMeFOSE	ND		2.0	0.097	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
NEtFOSE	ND		2.0	0.11	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
HFPO-DA (GenX)	ND		0.78	0.092	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.78	0.079	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
PFMBA	ND		0.39	0.019	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
NFDHA	ND		0.39	0.047	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
PFMPA	ND		0.39	0.089	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
9Cl-PF3ONS	ND		0.78	0.050	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
11Cl-PF3OUdS	ND		0.78	0.12	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
PFEESA	ND		0.39	0.039	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
3:3 FTCA	ND		0.98	0.17	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
5:3 FTCA	ND		4.9	0.36	ug/Kg		03/01/24 08:02	03/04/24 19:19	1
7:3 FTCA	ND		4.9	0.30	ug/Kg		03/01/24 08:02	03/04/24 19:19	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87*		*20 - 150*	*03/01/24 08:02*	*03/04/24 19:19*	*1*
13C5 PFPeA	*90*		*20 - 150*	*03/01/24 08:02*	*03/04/24 19:19*	*1*
13C5 PFHxA	*88*		*20 - 150*	*03/01/24 08:02*	*03/04/24 19:19*	*1*
13C4 PFHpA	*80*		*20 - 150*	*03/01/24 08:02*	*03/04/24 19:19*	*1*
13C8 PFOA	*91*		*20 - 150*	*03/01/24 08:02*	*03/04/24 19:19*	*1*
13C9 PFNA	*85*		*20 - 150*	*03/01/24 08:02*	*03/04/24 19:19*	*1*
13C6 PFDA	*79*		*20 - 150*	*03/01/24 08:02*	*03/04/24 19:19*	*1*
13C7 PFUnA	*62*		*20 - 150*	*03/01/24 08:02*	*03/04/24 19:19*	*1*
13C2 PFDoA	*52*		*20 - 150*	*03/01/24 08:02*	*03/04/24 19:19*	*1*
13C2 PFTeDA	*41*		*20 - 150*	*03/01/24 08:02*	*03/04/24 19:19*	*1*
13C3 PFBS	*93*		*20 - 150*	*03/01/24 08:02*	*03/04/24 19:19*	*1*
13C3 PFHxS	*89*		*20 - 150*	*03/01/24 08:02*	*03/04/24 19:19*	*1*
13C8 PFOS	*80*		*20 - 150*	*03/01/24 08:02*	*03/04/24 19:19*	*1*
13C8 FOSA	*93*		*20 - 150*	*03/01/24 08:02*	*03/04/24 19:19*	*1*
d3-NMeFOSAA	*75*		*20 - 150*	*03/01/24 08:02*	*03/04/24 19:19*	*1*
d5-NEtFOSAA	*64*		*20 - 150*	*03/01/24 08:02*	*03/04/24 19:19*	*1*

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

Lab Sample ID: MB 280-644475/1-A
Matrix: Solid
Analysis Batch: 644887

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 644475

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-4:2 FTS	89		20 - 150	03/01/24 08:02	03/04/24 19:19	1
M2-6:2 FTS	85		20 - 150	03/01/24 08:02	03/04/24 19:19	1
M2-8:2 FTS	83		20 - 150	03/01/24 08:02	03/04/24 19:19	1
13C3 HFPO-DA	90		20 - 150	03/01/24 08:02	03/04/24 19:19	1
d7-N-MeFOSE-M	53		20 - 150	03/01/24 08:02	03/04/24 19:19	1
d9-N-EtFOSE-M	54		20 - 150	03/01/24 08:02	03/04/24 19:19	1
d5-NEtPFOSA	43		20 - 150	03/01/24 08:02	03/04/24 19:19	1
d3-NMePFOSA	47		20 - 150	03/01/24 08:02	03/04/24 19:19	1

Lab Sample ID: LCS 280-644475/3-A
Matrix: Solid
Analysis Batch: 644887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 644475

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	3.14	3.24		ug/Kg		103	40 - 150
Perfluoropentanoic acid (PFPeA)	3.14	3.12		ug/Kg		99	40 - 150
Perfluorohexanoic acid (PFHxA)	3.14	3.39		ug/Kg		108	40 - 150
Perfluoroheptanoic acid (PFHpA)	3.14	3.49		ug/Kg		111	40 - 150
Perfluorooctanoic acid (PFOA)	3.14	3.28		ug/Kg		105	40 - 150
Perfluorononanoic acid (PFNA)	3.14	3.64		ug/Kg		116	40 - 150
Perfluorodecanoic acid (PFDA)	3.14	3.43		ug/Kg		109	40 - 150
Perfluoroundecanoic acid (PFUnA)	3.14	3.46		ug/Kg		110	40 - 150
Perfluorododecanoic acid (PFDoA)	3.14	3.55		ug/Kg		113	40 - 150
Perfluorotridecanoic acid (PFTriA)	3.14	3.31		ug/Kg		106	40 - 150
Perfluorotetradecanoic acid (PFTeDA)	3.14	3.24		ug/Kg		103	40 - 150
Perfluorobutanesulfonic acid (PFBS)	2.79	2.70		ug/Kg		97	40 - 150
Perfluoropentanesulfonic acid (PFPeS)	2.94	3.38		ug/Kg		115	40 - 150
Perfluorohexanesulfonic acid (PFHxS)	2.86	2.95		ug/Kg		103	40 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.99	3.50		ug/Kg		117	40 - 150
Perfluorooctanesulfonic acid (PFOS)	2.92	2.46		ug/Kg		84	40 - 150
Perfluorononanesulfonic acid (PFNS)	3.02	2.96		ug/Kg		98	40 - 150
Perfluorodecanesulfonic acid (PFDS)	3.02	2.72		ug/Kg		90	40 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.04	2.64		ug/Kg		87	40 - 150
4:2 FTS	7.82	7.85		ug/Kg		100	40 - 150
6:2 FTS	11.9	12.9		ug/Kg		108	40 - 150
8:2 FTS	12.0	11.7		ug/Kg		98	40 - 150
Perfluorooctanesulfonamide (PFOSA)	3.14	2.94		ug/Kg		94	40 - 150
NMeFOSA	3.14	3.84		ug/Kg		123	40 - 150
NEtFOSA	3.14	3.45		ug/Kg		110	40 - 150

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

Lab Sample ID: LCS 280-644475/3-A
Matrix: Solid
Analysis Batch: 644887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 644475

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
NMeFOSAA	3.14	3.34		ug/Kg		107	40 - 150
NEtFOSAA	3.14	3.71		ug/Kg		118	40 - 150
NMeFOSE	15.7	17.6		ug/Kg		112	40 - 150
NEtFOSE	31.4	31.3		ug/Kg		100	40 - 150
HFPO-DA (GenX)	3.14	3.10		ug/Kg		99	40 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.96	4.06		ug/Kg		137	40 - 150
PFMBA	6.27	6.55		ug/Kg		104	40 - 150
NFDHA	3.14	2.91		ug/Kg		93	40 - 150
PFMPA	6.27	6.10		ug/Kg		97	40 - 150
9Cl-PF3ONS	7.80	7.55		ug/Kg		97	40 - 150
11Cl-PF3OUdS	7.89	8.23		ug/Kg		104	40 - 150
PFEESA	5.60	5.86		ug/Kg		105	40 - 150
3:3 FTCA	15.7	15.4		ug/Kg		98	40 - 150
5:3 FTCA	31.4	32.7		ug/Kg		104	40 - 150
7:3 FTCA	31.4	31.7		ug/Kg		101	40 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*78*		*20 - 150*
13C5 PFPeA	*76*		*20 - 150*
13C5 PFHxA	*78*		*20 - 150*
13C4 PFHpA	*75*		*20 - 150*
13C8 PFOA	*80*		*20 - 150*
13C9 PFNA	*75*		*20 - 150*
13C6 PFDA	*74*		*20 - 150*
13C7 PFUnA	*71*		*20 - 150*
13C2 PFDoA	*68*		*20 - 150*
13C2 PFTeDA	*58*		*20 - 150*
13C3 PFBS	*93*		*20 - 150*
13C3 PFHxS	*77*		*20 - 150*
13C8 PFOS	*77*		*20 - 150*
13C8 FOSA	*92*		*20 - 150*
d3-NMeFOSAA	*80*		*20 - 150*
d5-NEtFOSAA	*73*		*20 - 150*
M2-4:2 FTS	*83*		*20 - 150*
M2-6:2 FTS	*76*		*20 - 150*
M2-8:2 FTS	*83*		*20 - 150*
13C3 HFPO-DA	*64*		*20 - 150*
d7-N-MeFOSE-M	*58*		*20 - 150*
d9-N-EtFOSE-M	*65*		*20 - 150*
d5-NEtPFOSA	*53*		*20 - 150*
d3-NMePFOSA	*51*		*20 - 150*

Lab Sample ID: LLCS 280-644475/2-A
Matrix: Solid
Analysis Batch: 644887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 644475

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.314	0.294	J	ug/Kg		94	40 - 150

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

Lab Sample ID: LLCS 280-644475/2-A
Matrix: Solid
Analysis Batch: 644887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 644475

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoropentanoic acid (PFPeA)	0.314	0.325	J	ug/Kg		103	40 - 150
Perfluorohexanoic acid (PFHxA)	0.314	0.276		ug/Kg		88	40 - 150
Perfluoroheptanoic acid (PFHpA)	0.314	0.315		ug/Kg		100	40 - 150
Perfluorooctanoic acid (PFOA)	0.314	0.293		ug/Kg		93	40 - 150
Perfluorononanoic acid (PFNA)	0.314	0.351		ug/Kg		112	40 - 150
Perfluorodecanoic acid (PFDA)	0.314	0.339		ug/Kg		108	40 - 150
Perfluoroundecanoic acid (PFUnA)	0.314	0.314		ug/Kg		100	40 - 150
Perfluorododecanoic acid (PFDoA)	0.314	0.314		ug/Kg		100	40 - 150
Perfluorotridecanoic acid (PFTriA)	0.314	0.310		ug/Kg		99	40 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.314	0.329		ug/Kg		105	40 - 150
Perfluorobutanesulfonic acid (PFBS)	0.279	0.259		ug/Kg		93	40 - 150
Perfluoropentanesulfonic acid (PFPeS)	0.294	0.319		ug/Kg		108	40 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.286	0.285		ug/Kg		100	40 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.299	0.287		ug/Kg		96	40 - 150
Perfluorooctanesulfonic acid (PFOS)	0.292	0.247		ug/Kg		85	40 - 150
Perfluorononanesulfonic acid (PFNS)	0.302	0.282		ug/Kg		94	40 - 150
Perfluorodecanesulfonic acid (PFDS)	0.302	0.217		ug/Kg		72	40 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.304	0.191	J	ug/Kg		63	40 - 150
4:2 FTS	0.782	0.715	J	ug/Kg		91	40 - 150
6:2 FTS	1.19	1.23		ug/Kg		103	40 - 150
8:2 FTS	1.20	1.15		ug/Kg		96	40 - 150
Perfluorooctanesulfonamide (PFOSA)	0.314	0.267		ug/Kg		85	40 - 150
NMeFOSA	0.314	0.298		ug/Kg		95	40 - 150
NEtFOSA	0.314	0.298		ug/Kg		95	40 - 150
NMeFOSAA	0.314	0.315		ug/Kg		101	40 - 150
NEtFOSAA	0.314	0.312		ug/Kg		100	40 - 150
NMeFOSE	1.57	1.62	J	ug/Kg		103	40 - 150
NEtFOSE	3.14	3.02		ug/Kg		96	40 - 150
HFPO-DA (GenX)	0.314	0.281	J	ug/Kg		90	40 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.296	0.252	J	ug/Kg		85	40 - 150
PFMBA	0.627	0.581		ug/Kg		93	40 - 150
NFDHA	0.314	0.295	J	ug/Kg		94	40 - 150
PFMPA	0.627	0.534		ug/Kg		85	40 - 150
9Cl-PF3ONS	0.780	0.764	J	ug/Kg		98	40 - 150
11Cl-PF3OUdS	0.789	0.492	J	ug/Kg		62	40 - 150
PFEESA	0.560	0.447		ug/Kg		80	40 - 150
3:3 FTCA	1.57	1.55		ug/Kg		99	40 - 150
5:3 FTCA	3.14	2.39	J	ug/Kg		76	40 - 150

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

Lab Sample ID: LLCS 280-644475/2-A
Matrix: Solid
Analysis Batch: 644887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 644475

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
7:3 FTCA			3.14	2.56	J	ug/Kg		82	40 - 150		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*87*		*20 - 150*
13C5 PFPeA	*71*		*20 - 150*
13C5 PFHxA	*87*		*20 - 150*
13C4 PFHpA	*78*		*20 - 150*
13C8 PFOA	*90*		*20 - 150*
13C9 PFNA	*86*		*20 - 150*
13C6 PFDA	*83*		*20 - 150*
13C7 PFUnA	*75*		*20 - 150*
13C2 PFDoA	*74*		*20 - 150*
13C2 PFTeDA	*56*		*20 - 150*
13C3 PFBS	*92*		*20 - 150*
13C3 PFHxS	*83*		*20 - 150*
13C8 PFOS	*87*		*20 - 150*
13C8 FOSA	*98*		*20 - 150*
d3-NMeFOSAA	*84*		*20 - 150*
d5-NEtFOSAA	*82*		*20 - 150*
M2-4:2 FTS	*86*		*20 - 150*
M2-6:2 FTS	*84*		*20 - 150*
M2-8:2 FTS	*78*		*20 - 150*
13C3 HFPO-DA	*79*		*20 - 150*
d7-N-MeFOSE-M	*62*		*20 - 150*
d9-N-EtFOSE-M	*59*		*20 - 150*
d5-NEtPFOSA	*52*		*20 - 150*
d3-NMePFOSA	*56*		*20 - 150*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-702164/1-A
Matrix: Solid
Analysis Batch: 702404

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702164

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.39	mg/Kg		02/28/24 14:36	02/29/24 22:09	1
Barium	ND		0.49	0.11	mg/Kg		02/28/24 14:36	02/29/24 22:09	1
Beryllium	ND		0.20	0.027	mg/Kg		02/28/24 14:36	02/29/24 22:09	1
Cadmium	ND		0.20	0.029	mg/Kg		02/28/24 14:36	02/29/24 22:09	1
Chromium	ND		0.49	0.20	mg/Kg		02/28/24 14:36	02/29/24 22:09	1
Copper	ND		0.98	0.21	mg/Kg		02/28/24 14:36	02/29/24 22:09	1
Lead	0.312	J	0.98	0.23	mg/Kg		02/28/24 14:36	02/29/24 22:09	1
Manganese	ND		0.20	0.031	mg/Kg		02/28/24 14:36	02/29/24 22:09	1
Nickel	ND		4.9	0.22	mg/Kg		02/28/24 14:36	02/29/24 22:09	1
Selenium	ND		3.9	0.39	mg/Kg		02/28/24 14:36	02/29/24 22:09	1
Zinc	ND		2.0	0.63	mg/Kg		02/28/24 14:36	02/29/24 22:09	1

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

Lab Sample ID: MB 480-702164/1-A
Matrix: Solid
Analysis Batch: 702516

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702164

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.59	0.20	mg/Kg		02/28/24 14:36	03/01/24 15:43	1

Lab Sample ID: LCSSRM 480-702164/2-A
Matrix: Solid
Analysis Batch: 702404

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702164

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	218	164.3		mg/Kg		75.4	57.8 - 110.1
Barium	388	345.3		mg/Kg		89.0	68.3 - 113.9
Beryllium	165	136.3		mg/Kg		82.6	69.1 - 115.8
Cadmium	118	94.58		mg/Kg		80.1	67.0 - 111.9
Chromium	255	226.1		mg/Kg		88.7	63.5 - 118.4
Copper	135	113.4		mg/Kg		84.0	69.0 - 114.8
Lead	155	148.8		mg/Kg		96.0	67.7 - 119.4
Manganese	446	440.9		mg/Kg		98.8	70.4 - 114.3
Nickel	120	108.1		mg/Kg		90.0	63.2 - 117.5
Selenium	107	86.17		mg/Kg		80.5	58.3 - 121.5
Zinc	406	340.3		mg/Kg		83.8	63.8 - 118.2

Lab Sample ID: LCSSRM 480-702164/2-A
Matrix: Solid
Analysis Batch: 702516

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702164

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Silver	51.0	41.05		mg/Kg		80.5	64.7 - 120.8

Lab Sample ID: 480-217345-1 MS
Matrix: Solid
Analysis Batch: 702404

Client Sample ID: MARCO CLAY IMPORT 2024
Prep Type: Total/NA
Prep Batch: 702164

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	5.0		226	208.3		mg/Kg	☼	90	75 - 125
Barium	169		226	402.4		mg/Kg	☼	103	75 - 125
Beryllium	0.66		113	105.0		mg/Kg	☼	92	75 - 125
Cadmium	0.065	J	113	104.0		mg/Kg	☼	92	75 - 125
Chromium	19.9		113	113.6		mg/Kg	☼	83	75 - 125
Copper	7.5		113	108.8		mg/Kg	☼	89	75 - 125
Lead	6.1	B	113	116.5		mg/Kg	☼	97	75 - 125
Manganese	835		113	878.4	4	mg/Kg	☼	38	75 - 125
Nickel	16.9		113	129.1		mg/Kg	☼	99	75 - 125

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

Lab Sample ID: 480-217345-1 MS
Matrix: Solid
Analysis Batch: 702404

Client Sample ID: MARCO CLAY IMPORT 2024
Prep Type: Total/NA
Prep Batch: 702164

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.72	J	226	199.2		mg/Kg	☼	88	75 - 125
Zinc	50.4		113	143.1		mg/Kg	☼	82	75 - 125

Lab Sample ID: 480-217345-1 MS
Matrix: Solid
Analysis Batch: 702516

Client Sample ID: MARCO CLAY IMPORT 2024
Prep Type: Total/NA
Prep Batch: 702164

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	ND		11.3	10.03		mg/Kg	☼	89	75 - 125

Lab Sample ID: 480-217345-1 MSD
Matrix: Solid
Analysis Batch: 702404

Client Sample ID: MARCO CLAY IMPORT 2024
Prep Type: Total/NA
Prep Batch: 702164

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	5.0		228	209.6		mg/Kg	☼	90	75 - 125	1	20
Barium	169		228	412.9		mg/Kg	☼	107	75 - 125	3	20
Beryllium	0.66		114	103.0		mg/Kg	☼	90	75 - 125	2	20
Cadmium	0.065	J	114	103.7		mg/Kg	☼	91	75 - 125	0	20
Chromium	19.9		114	119.0		mg/Kg	☼	87	75 - 125	5	20
Copper	7.5		114	109.5		mg/Kg	☼	89	75 - 125	1	20
Lead	6.1	B	114	117.6		mg/Kg	☼	98	75 - 125	1	20
Manganese	835		114	891.0	4	mg/Kg	☼	49	75 - 125	1	20
Nickel	16.9		114	130.5		mg/Kg	☼	100	75 - 125	1	20
Selenium	0.72	J	228	198.4		mg/Kg	☼	87	75 - 125	0	20
Zinc	50.4		114	144.7		mg/Kg	☼	83	75 - 125	1	20

Lab Sample ID: 480-217345-1 MSD
Matrix: Solid
Analysis Batch: 702516

Client Sample ID: MARCO CLAY IMPORT 2024
Prep Type: Total/NA
Prep Batch: 702164

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	ND		11.4	10.25		mg/Kg	☼	90	75 - 125	2	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-702259/1-A
Matrix: Solid
Analysis Batch: 702310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702259

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021	0.0047	mg/Kg		02/29/24 11:24	02/29/24 14:02	1

Lab Sample ID: LCSSRM 480-702259/2-A ^10
Matrix: Solid
Analysis Batch: 702310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702259

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	17.1	9.38		mg/Kg		54.9	36.0 - 109.9

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

Lab Sample ID: 480-217345-1 MS
Matrix: Solid
Analysis Batch: 702310

Client Sample ID: MARCO CLAY IMPORT 2024
Prep Type: Total/NA
Prep Batch: 702259

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.373	0.337		mg/Kg	☼	90	80 - 120

Lab Sample ID: 480-217345-1 MSD
Matrix: Solid
Analysis Batch: 702310

Client Sample ID: MARCO CLAY IMPORT 2024
Prep Type: Total/NA
Prep Batch: 702259

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.373	0.336		mg/Kg	☼	90	80 - 120	0	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 460-962660/1-A
Matrix: Solid
Analysis Batch: 962732

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 962660

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		2.0	0.85	mg/Kg		03/06/24 09:30	03/06/24 13:48	1

Lab Sample ID: LCSI 460-962660/3-A
Matrix: Solid
Analysis Batch: 962732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 962660

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	708	742.8		mg/Kg		105	80 - 120

Lab Sample ID: LCSSRM 460-962660/2-A
Matrix: Solid
Analysis Batch: 962732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 962660

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	15.5	15.58		mg/Kg		100.4	84.1 - 114.4

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 480-702288/1-A
Matrix: Solid
Analysis Batch: 702309

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702288

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.94	0.45	mg/Kg		02/29/24 10:53	02/29/24 13:22	1

Lab Sample ID: LCS 480-702288/3-A
Matrix: Solid
Analysis Batch: 702309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702288

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.400	0.375		mg/Kg		94	29 - 122

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: LCS 480-702288/4-A
Matrix: Solid
Analysis Batch: 702309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702288

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.250	0.242		mg/Kg		97	29 - 122		

Lab Sample ID: LCSSRM 480-702288/2-A ^10
Matrix: Solid
Analysis Batch: 702309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702288

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			154	43.06		mg/Kg		28.0	20.6 - 120.8		

Lab Sample ID: 480-217345-1 MS
Matrix: Solid
Analysis Batch: 702309

Client Sample ID: MARCO CLAY IMPORT 2024
Prep Type: Total/NA
Prep Batch: 702288

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	ND	F1	1.30	1.02	J F1	mg/Kg	☼	79	85 - 115		

Lab Sample ID: 480-217345-1 DU
Matrix: Solid
Analysis Batch: 702309

Client Sample ID: MARCO CLAY IMPORT 2024
Prep Type: Total/NA
Prep Batch: 702288

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cyanide, Total	ND	F1		ND		mg/Kg	☼			NC	15

GC/MS VOA

Prep Batch: 702200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	5035A_L	
MB 480-702200/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-702200/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 702201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	8260C	702200
MB 480-702200/2-A	Method Blank	Total/NA	Solid	8260C	702200
LCS 480-702200/1-A	Lab Control Sample	Total/NA	Solid	8260C	702200

GC/MS Semi VOA

Prep Batch: 702335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	3550C	
MB 480-702335/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-702335/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 702387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	8270D	702335
MB 480-702335/1-A	Method Blank	Total/NA	Solid	8270D	702335
LCS 480-702335/2-A	Lab Control Sample	Total/NA	Solid	8270D	702335

GC Semi VOA

Prep Batch: 702225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	3550C	
MB 480-702225/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-702225/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 702331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	8082A	702225
MB 480-702225/1-A	Method Blank	Total/NA	Solid	8082A	702225
LCS 480-702225/2-A	Lab Control Sample	Total/NA	Solid	8082A	702225

Prep Batch: 702336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	3550C	
MB 480-702336/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-702336/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 702371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	8081B	702336
MB 480-702336/1-A	Method Blank	Total/NA	Solid	8081B	702336
LCS 480-702336/2-A	Lab Control Sample	Total/NA	Solid	8081B	702336

GC Semi VOA

Prep Batch: 702420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	8151A	
MB 480-702420/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 480-702420/2-A	Lab Control Sample	Total/NA	Solid	8151A	

Analysis Batch: 702613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	8151A	702420
MB 480-702420/1-A	Method Blank	Total/NA	Solid	8151A	702420
LCS 480-702420/2-A	Lab Control Sample	Total/NA	Solid	8151A	702420

LCMS

Prep Batch: 644475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	1633 Shake	
MB 280-644475/1-A	Method Blank	Total/NA	Solid	1633 Shake	
LCS 280-644475/3-A	Lab Control Sample	Total/NA	Solid	1633 Shake	
LLCS 280-644475/2-A	Lab Control Sample	Total/NA	Solid	1633 Shake	

Analysis Batch: 644887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	Draft 1633	644475
MB 280-644475/1-A	Method Blank	Total/NA	Solid	Draft 1633	644475
LCS 280-644475/3-A	Lab Control Sample	Total/NA	Solid	Draft 1633	644475
LLCS 280-644475/2-A	Lab Control Sample	Total/NA	Solid	Draft 1633	644475

Metals

Prep Batch: 702164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	3050B	
MB 480-702164/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-702164/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-217345-1 MS	MARCO CLAY IMPORT 2024	Total/NA	Solid	3050B	
480-217345-1 MSD	MARCO CLAY IMPORT 2024	Total/NA	Solid	3050B	

Prep Batch: 702259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	7471B	
MB 480-702259/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-702259/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	
480-217345-1 MS	MARCO CLAY IMPORT 2024	Total/NA	Solid	7471B	
480-217345-1 MSD	MARCO CLAY IMPORT 2024	Total/NA	Solid	7471B	

Analysis Batch: 702310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	7471B	702259
MB 480-702259/1-A	Method Blank	Total/NA	Solid	7471B	702259
LCSSRM 480-702259/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	702259
480-217345-1 MS	MARCO CLAY IMPORT 2024	Total/NA	Solid	7471B	702259
480-217345-1 MSD	MARCO CLAY IMPORT 2024	Total/NA	Solid	7471B	702259

Metals

Analysis Batch: 702404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	6010C	702164
MB 480-702164/1-A	Method Blank	Total/NA	Solid	6010C	702164
LCSSRM 480-702164/2-A	Lab Control Sample	Total/NA	Solid	6010C	702164
480-217345-1 MS	MARCO CLAY IMPORT 2024	Total/NA	Solid	6010C	702164
480-217345-1 MSD	MARCO CLAY IMPORT 2024	Total/NA	Solid	6010C	702164

Analysis Batch: 702516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	6010C	702164
MB 480-702164/1-A	Method Blank	Total/NA	Solid	6010C	702164
LCSSRM 480-702164/2-A	Lab Control Sample	Total/NA	Solid	6010C	702164
480-217345-1 MS	MARCO CLAY IMPORT 2024	Total/NA	Solid	6010C	702164
480-217345-1 MSD	MARCO CLAY IMPORT 2024	Total/NA	Solid	6010C	702164

General Chemistry

Analysis Batch: 702192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	Moisture	

Prep Batch: 702288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	9012B	
MB 480-702288/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 480-702288/3-A	Lab Control Sample	Total/NA	Solid	9012B	
LCS 480-702288/4-A	Lab Control Sample	Total/NA	Solid	9012B	
LCSSRM 480-702288/2-A ^1	Lab Control Sample	Total/NA	Solid	9012B	
480-217345-1 MS	MARCO CLAY IMPORT 2024	Total/NA	Solid	9012B	
480-217345-1 DU	MARCO CLAY IMPORT 2024	Total/NA	Solid	9012B	

Analysis Batch: 702309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	9012B	702288
MB 480-702288/1-A	Method Blank	Total/NA	Solid	9012B	702288
LCS 480-702288/3-A	Lab Control Sample	Total/NA	Solid	9012B	702288
LCS 480-702288/4-A	Lab Control Sample	Total/NA	Solid	9012B	702288
LCSSRM 480-702288/2-A ^1	Lab Control Sample	Total/NA	Solid	9012B	702288
480-217345-1 MS	MARCO CLAY IMPORT 2024	Total/NA	Solid	9012B	702288
480-217345-1 DU	MARCO CLAY IMPORT 2024	Total/NA	Solid	9012B	702288

Prep Batch: 962660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	3060A	
MB 460-962660/1-A	Method Blank	Total/NA	Solid	3060A	
LCSI 460-962660/3-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSSRM 460-962660/2-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 962732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-217345-1	MARCO CLAY IMPORT 2024	Total/NA	Solid	7196A	962660
MB 460-962660/1-A	Method Blank	Total/NA	Solid	7196A	962660

General Chemistry (Continued)

Analysis Batch: 962732 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSI 460-962660/3-A	Lab Control Sample	Total/NA	Solid	7196A	962660
LCSSRM 460-962660/2-A	Lab Control Sample	Total/NA	Solid	7196A	962660

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Franczyk Park site

Job ID: 480-217345-1

Client Sample ID: MARCO CLAY IMPORT 2024

Lab Sample ID: 480-217345-1
Date Collected: 02/27/24 14:30
Matrix: Solid
Date Received: 02/27/24 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	702192	JMM	EET BUF	02/28/24 16:00

Client Sample ID: MARCO CLAY IMPORT 2024

Lab Sample ID: 480-217345-1
Date Collected: 02/27/24 14:30
Matrix: Solid
Date Received: 02/27/24 17:00
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			702200	CDC	EET BUF	02/28/24 16:39
Total/NA	Analysis	8260C		1	702201	CDC	EET BUF	02/28/24 21:39
Total/NA	Prep	3550C			702335	SJM	EET BUF	02/29/24 16:23
Total/NA	Analysis	8270D		1	702387	EMD	EET BUF	03/01/24 21:39
Total/NA	Prep	3550C			702336	SJM	EET BUF	02/29/24 16:35
Total/NA	Analysis	8081B		1	702371	JLS	EET BUF	03/01/24 16:44
Total/NA	Prep	3550C			702225	ER	EET BUF	02/29/24 08:08
Total/NA	Analysis	8082A		1	702331	W1T	EET BUF	02/29/24 20:51
Total/NA	Prep	8151A			702420	ER	EET BUF	03/01/24 10:45
Total/NA	Analysis	8151A		1	702613	MAN	EET BUF	03/05/24 17:26
Total/NA	Prep	1633 Shake			644475	MNC	EET DEN	03/01/24 08:02
Total/NA	Analysis	Draft 1633		1	644887	SM	EET DEN	03/04/24 23:12
Total/NA	Prep	3050B			702164	ESB	EET BUF	02/28/24 14:36
Total/NA	Analysis	6010C		1	702404	BMB	EET BUF	02/29/24 22:16
Total/NA	Prep	3050B			702164	ESB	EET BUF	02/28/24 14:36
Total/NA	Analysis	6010C		1	702516	BMB	EET BUF	03/01/24 16:00
Total/NA	Prep	7471B			702259	NVK	EET BUF	02/29/24 11:24
Total/NA	Analysis	7471B		1	702310	NVK	EET BUF	02/29/24 14:05
Total/NA	Prep	3060A			962660	SXG	EET EDI	03/06/24 09:30 - 03/06/24 10:30 [1]
Total/NA	Analysis	7196A		1	962732	MNP	EET EDI	03/06/24 15:15
Total/NA	Prep	9012B			702288	AM	EET BUF	02/29/24 10:53
Total/NA	Analysis	9012B		1	702309	AM	EET BUF	02/29/24 13:29

[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
EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100
EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: Franczyk Park site

Job ID: 480-217345-1

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	03-31-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Denver

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	2907.01	10-31-24
A2LA	ISO/IEC 17025	2907.01	10-31-25
Alabama	State Program	40730	09-30-12 *
Alaska (UST)	State	18-001	11-30-25
Arizona	State	AZ0713	12-20-24
Arkansas DEQ	State	19-047-0	04-21-24
California	State	2513	01-08-25
Connecticut	State	PH-0686	09-30-24
Florida	NELAP	E87667-57	06-30-24
Georgia	State	4025-011	01-08-25
Illinois	NELAP	2000172019-1	04-30-24
Iowa	State	370	12-01-24
Kansas	NELAP	E-10166	04-30-24
Kentucky (WW)	State	KY98047	12-31-24
Louisiana	NELAP	30785	06-30-14 *
Louisiana	NELAP	30785	06-30-23 *
Louisiana (All)	NELAP	30785	06-30-24
Minnesota	NELAP	1788752	12-31-24
Nevada	State	CO000262020-1	07-31-24
New Hampshire	NELAP	2053	04-28-24
New Jersey	NELAP	230001	06-30-24
New York	NELAP	59923	03-31-24
North Dakota	State	R-034	01-08-24 *
Oklahoma	NELAP	8614	08-31-24
Oregon	NELAP	4025-020	01-08-25
Pennsylvania	NELAP	013	07-31-24
South Carolina	State	72002001	01-08-24 *
Texas	NELAP	TX104704183-08-TX	09-30-09 *
Texas	NELAP	T104704183-21-19	09-30-24
USDA	US Federal Programs	P330-20-00065	12-19-25
Utah	NELAP	QUAN5	06-30-13 *
Utah	NELAP	CO000262019-11	07-31-24
Virginia	NELAP	460232	06-14-24
Washington	State	C583	08-03-24
West Virginia DEP	State	354	11-30-24
Wisconsin	State	999615430	08-31-24
Wyoming (UST)	A2LA	2907.01	10-31-25

Laboratory: Eurofins Edison

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: Franczyk Park site

Job ID: 480-217345-1

Laboratory: Eurofins Edison (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0818	09-30-24
Georgia	State	12028 (NJ)	06-30-24
Massachusetts	State	M-NJ312	06-30-24
New Jersey	NELAP	12028	06-30-24
New York	NELAP	11452	04-01-24
Pennsylvania	NELAP	68-00522	02-28-25
Rhode Island	State	LAO00376	12-31-24
USDA	US Federal Programs	P330-20-00244	05-31-24

Method Summary

Client: LaBella Associates DPC
Project/Site: Franczyk Park site

Job ID: 480-217345-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
8151A	Herbicides (GC)	SW846	EET BUF
Draft 1633	Per- and Polyfluoroalkyl Substances by LC/MS/MS	EPA	EET DEN
6010C	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
7196A	Chromium, Hexavalent	SW846	EET EDI
9012B	Cyanide, Total andor Amenable	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
1633 Shake	Shake Extraction with SPE	EPA	EET DEN
3050B	Preparation, Metals	SW846	EET BUF
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET EDI
3550C	Ultrasonic Extraction	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF
8151A	Extraction (Herbicides)	SW846	EET BUF
9012B	Cyanide, Total and/or Amenable, Distillation	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

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: LaBella Associates DPC
Project/Site: Franczyk Park site

Job ID: 480-217345-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-217345-1	MARCO CLAY IMPORT 2024	Solid	02/27/24 14:30	02/27/24 17:00

Eurofins Buffalo
10 Hazelwood Drive

Amherst, NY 14228-2223
phone 716.691.2600 fax 716.691.7991

Chain of Custody Record

eurofins | Environment Testing America

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

Eurofins Environment Testing America

Client Contact	Project Manager: Andrew Benkleman	Site Contact:	Date:	COC No:
LaBella Associates	Email: abenkleman@labellapc.com	Lab Contact:	Carrier:	____ of ____ COCs
300 Pearl Street	Tel/Fax:			TALS Project #:
Buffalo, NY	**Analysis Turnaround Time**			Sampler:
716-551-6281 Phone	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
	TAT if different from Below ____			Walk-in Client:
Project Name: Franczyk Park Site	☐ 2 weeks			Lab Sampling:
Site:	☑ 1 week			
P O #	☐ 2 days			Job / SDG No.:
	☐ 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)	NYSDEC Part 375 VOCs	NYSDEC Part 375 SVOCs	NYSDEC Part 375 Metals	NYSDEC Part 375 PCBs	NYSDEC Part 375 Pesticides	NYSDEC Part 375 Herbicides	NYSDEC Part 375 Hex chromium	NYSDEC Part 375 Cyanide	NYSDEC Part 375 PFAS	Sample Specific Notes:
Marco Clay import 2024	2/27/2024	14:30		Solid				X	X	X	X	X	X	X	X	X	

480-217345 Chain of Custody

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:

16.1 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: 2/27/2024 15:00	Received by: Emily O'Brien	Company: TAB	Date/Time: 2/27/24 @ 1700
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

3/7/2024

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

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-85397.1
Client Contact: Shipping/Receiving	Phone	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc		Accreditations Required (See note): NELAP - New York		Job #: 480-217345-1
Address: 4955 Yarrow Street, ,	Due Date Requested: 3/6/2024			
City: Arvada	TAT Requested (days):			
State, Zip: CO, 80002				
Phone: 303-736-0100(Tel) 303-431-7171(Fax)	PO #			
Email	WO #			
Project Name: Franczyk Park site	Project #: 48025658			
Site.	SSOW#			

Analysis Requested

Preservation Codes:
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, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), 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_B24/1633_Shake 1633 B24 Standard List	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MARCO CLAY IMPORT 2024 (480-217345-1)	2/27/24	14:30 Eastern		Solid			X	1	

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
[illegible]	02/28/24 1600	TA	[illegible]	02/29/24 0945	EET DEN
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Coolers Temperature(s) °C and Other Remarks: 1.8, 0.2, 1, IR-14

Ver 06 08 2021

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

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler	Lab PM: Fischer Brian J	Carrier Tracking No(s):	COC No: 480-85398 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 Northeast,		Accreditations Required (See note): NELAP New York		Job #: 480-217345-1
Address: 777 New Durham Road,	Due Date Requested: 3/6/2024			
City: Edison	TAT Requested (days):			
State, Zip: NJ 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email:	WO #:			
Project Name: Franczyk Park site	Project #: 48025658			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)

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)	7196A/3060A Part 375 Hexavalent Chromium	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MARCO CLAY IMPORT 2024 (480-217345-1)	2/27/24	14:30 Eastern		Solid			X	1	

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: Fedex

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	02/28/24 1600	TA	Blair	2/29/24 9:15	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

IR19 1-2c / 1.6c

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-217345-1

Login Number: 217345
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	rec'd same day as collected
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	

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-217345-1

Login Number: 217345
List Number: 3
Creator: Little, Matthew L

List Source: Eurofins Denver
List Creation: 02/29/24 12:55 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-217345-1

Login Number: 217345
List Number: 2
Creator: Armbruster, Chris

List Source: Eurofins Edison
List Creation: 02/29/24 12:03 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	