Strata
Geosciences

September 8, 2025

Washington State Department of Ecology
Southwest Region – Toxics Cleanup Program/VCP
PO Box 47775
Olympia, WA 98504-7775

Attn: Danielle Gibson
Re: Former Birds Eye Foods Tacoma, WA, First Quarter 2025 Groundwater Monitoring Event Summary Report

Dear Danielle:

This letter report summarizes the first quarter 2025 (2025 Q1) groundwater sampling event performed at the former Birds Eye Foods facility located at 3403 South 35th Street, Tacoma, Washington. Petroleum-related contamination in soil was identified in a portion of the facility, referred to as the "Boiler Room Site", which was the subject of a 2011 Remedial Investigation/Feasibility Study (2011 RI/FS) (Pacific Groundwater Group 2011). The preferred remedial alternative identified in the 2011 RI/FS includes an environmental restrictive covenant and long-term groundwater quality monitoring in a network of four well pairs. In 2013 the Washington State Department of Ecology (Ecology) determined that no further remedial action is necessary to clean up contamination at the Boiler Room Site, dependent on the continued performance and effectiveness of the post-cleanup controls and groundwater quality monitoring. Ecology's 2019 Periodic Review Report concluded that the cleanup actions completed at the Site continue to be protective of human health and the environment, that the requirements of the restrictive covenant are being satisfactorily met, and that no additional remedial actions are needed (Ecology 2019).

The Boiler Room Site is jointly regulated by Ecology and by the Tacoma – Pierce County Health Department (TPCHD). The 2025 Q1 sampling event was performed, and this summary report was prepared, to satisfy both the Ecology and TPCHD groundwater monitoring requirements.

Analytical results for groundwater samples collected in 2025 Q1 indicate that the preferred remedial alternative identified in the 2011 RI/FS is effective; the petroleum contamination in soil is not resulting in a dissolved plume with concentrations exceeding the Model Toxics Control Act (MTCA) Method A cleanup levels.

This work was performed, and this report prepared, in accordance with hydrogeologic practices generally accepted at this time and in this area for the exclusive use of Conagra Brands (Birds Eye Foods), for specific application to the project Site. No other warranty, express or implied, is made.

# 1.0 BOILER ROOM SITE MONITORING PROGRAMS

Groundwater monitoring at the Site is required by Ecology and TPCHD and the monitoring programs for each regulating agency are described below. The analytical suites are the same for both the Ecology- and TPCHD-required programs (Section 1.3), but the schedules and well networks differ.

The 2025 Q1 monitoring event was conducted to satisfy both the Voluntary Cleanup Program (VCP) Long-Term Monitoring Program required by Ecology and the Semi-Annual Groundwater Monitoring Program required by TPCHD.

## 1.1 ECOLOGY-REQUIRED VCP LONG-TERM MONITORING PROGRAM

The Birds Eye Foods Long-Term Groundwater Monitoring Plan (VCP Monitoring Plan) (Pacific Groundwater Group 2012) was reviewed by Ecology under the VCP framework of MTCA. The VCP Monitoring Plan describes the monitoring program objectives, well network, schedule, sampling protocols, contaminants of concern, and Site cleanup levels. The 2025 Q1 groundwater samples were collected in compliance with the VCP Monitoring Plan.

### Monitoring Well Network and Schedule

For the Boiler Room Site monitoring well pairs, shallow wells have the suffix "S" and deep wells have the suffix "D". At each pair, the shallow and deep wells are approximately five lateral feet from each other. Well construction information is summarized in Table 1 and well locations are shown on Figure 1. The long-term monitoring well network consists of:

| | | | |
|---|---|---|---|
| MW-9S | MW-12S | MW-13S | MW-14S |
| MW-9D | MW-12D | MW-13D | MW-14D |

As described in the VCP Monitoring Plan, the preferred remedial alternative identified in the 2011 RI/FS includes groundwater quality monitoring in 8 wells at the following frequency:

- 4 quarters of monitoring in Year 1
- 1 event every 18 months in Years 2 – 10

This schedule is subject to change following Ecology Periodic Reviews[1] that are performed at five-year intervals (5-Year Reviews). Modifications to the groundwater monitoring program were not made as part of the 2019 Periodic Review.

The four quarters of consecutive monitoring in Year 1 were completed in 2013 Q1. The 2025 Q1 monitoring represents the eighth event at an 18-month interval and Year 13. The next sampling event under the VCP Monitoring Program is scheduled for 2026 Q3.

## 1.2 TPCHD-REQUIRED SEMI-ANNUAL GROUNDWATER MONITORING PROGRAM

TPCHD regulates the Boiler Room Site as an open underground storage tank (UST) Site. Due to the presence of contaminated soil below the water table at the Boiler Room Site, TPCHD requires on-going groundwater monitoring to assess the efficacy of remedial actions and to monitor for potential contaminant migration (Marek undated; received June 13, 2013).

### Monitoring Well Network and Schedule

The semi-annual monitoring events involve sampling wells MW-9S, MW-9D, MW-12S, and MW-12D (Figure 1), which are a subset of the VCP Long-Term Monitoring Program. Semi-annual monitoring is required in the spring and fall.

## 1.3 CHEMICALS OF CONCERN AND SITE CLEANUP LEVELS

The analytical suite for groundwater monitoring at the Boiler Room Site is:

- Northwest Total Petroleum Hydrocarbons – Gasoline Range Organics (NWTPH-G), and Diesel-Range and Heavy Oil-Range Organics (NWTPH-Dx)
- BTEX Compounds: Benzene, Toluene, Ethylbenzene, and Xylenes (EPA Method 8260)
- PAHs: Polycyclic Aromatic Hydrocarbons (EPA Method 8270E with selected ion monitoring modification to achieve required reporting limits)

As described in the 2011 RI/FS and VCP Monitoring Plan, standard MTCA Method A Unrestricted Land Use cleanup levels are applicable to the Boiler Room Site to evaluate the relative chemical effects from soil contamination at the site on groundwater quality. MTCA Method A meets the criteria of WAC 173-340-704(1) because there are few

[1] The Boiler Room Site No Further Action is dated July 8, 2013; the first Periodic Review was completed in 2019 (Ecology 2019) and concluded that cleanup actions continue to be protective of human health and the environment, that the requirements of the Restrictive Covenant are being satisfactorily met, and that no additional remedial actions are needed at this time. At the time this 2025 Q1 monitoring report was prepared, a second Periodic Review had not been completed by Ecology based on review of their website for the Birds Eye Foods Site (https://apps.ecology.wa.gov/cleanupsearch/site/5012#site-documents).

hazardous substances at the Boiler Room Site and numerical Method A standards have been established. The MTCA Method A groundwater cleanup levels are presented in Tables 2 and 3, and are consistent with the 2011 RI/FS.

# 2.0 2025 Q1 GROUNDWATER SAMPLING SUMMARY

Please note that field work for this sampling event was conducted by hydrogeologists at Mott MacDonald. This report was prepared by the same hydrogeologists after transitioning to Strata Geosciences, LLC (Strata), maintaining continuity between field observations and documentation.

Groundwater quality samples for the 2025 Q1 monitoring event were collected from the Boiler Room Site long-term well network in compliance with the Semi-Annual Groundwater Monitoring Plan (Pacific Groundwater Group 2013) and TPCHD requirements (Marek undated; received June 13, 2013) on March 11 and 12, 2025 by representatives of Mott MacDonald.

The monitoring wells were purged and sampled using new, disposable tubing and peristaltic pumps. Low flow purging and sampling techniques were used to minimize turbidity in the groundwater samples. During purging, field meters were used to monitor pH, specific conductance, temperature, and turbidity. Samples were collected when these field parameters had stabilized or after a minimum of three casing volumes had been purged. Purge water was drummed and temporarily stored onsite for final offsite treatment and disposal.

Groundwater samples were delivered to Analytical Resources, Inc. (ARI), a Washington State certified laboratory, on March 12, 2025. Samples were delivered in ice chests following standard chain-of-custody procedures. Groundwater samples were analyzed according to Ecology and/or U.S. Environmental Protection Agency methods for the site chemicals of concern.

## 2.1 ANALYTICAL RESULTS

The 2025 Q1 groundwater monitoring analytical results are summarized in Tables 2 and 3. The analytical lab report is presented in Appendix A. Site contaminants of concern were not detected in the groundwater samples. The analytical reporting limits were less than or equal to corresponding Site cleanup levels.

The 2025 Q1 groundwater analytical results indicate the preferred remedial alternative identified in the 2011 RI/FS is effective; the petroleum contamination in soil at the Boiler Room Site is not resulting in a dissolved plume with concentrations exceeding MTCA Method A groundwater cleanup levels.

Quality assurance/quality control (QA/QC) data associated with the Boiler Room Site 2025 Q1 groundwater samples were reviewed by Strata. All requested analyses were performed and the QA/QC assessments indicated acceptable results with the following notations:

- Samples MW-12S, MW-13D, MW-14D, and the field duplicate MW-22S were initially analyzed for PAHs at a dilution of 5, which raised the reporting limit. PAHS were not detected in the samples at a raised reporting limit of 0.5 ug/L. The samples were re-analyzed outside holding times without a dilution. PAHs were not detected in the re-analyzed samples. The reanalyzed results are reported in Table 3 and ARI applied "H, U" qualifiers to indicate the holding time violation. The original and reanalyzed results are reported in Table 4.
- Surrogate spikes are known concentrations of chemicals similar to the analyte(s) of interest that analytical labs add to water quality samples collected in the field to assess lab performance. The surrogate spikes are added prior to preparation and analysis of the samples. The percentages of the surrogate spikes recovered from the samples post-analysis are compared to control limits to evaluate potential matrix interference and lab performance. The TPH-Dx surrogate spike recovery of o-terphenyl was recovered low from sample MW-14S. The PAH surrogate spike recovery of d14-dibenzo(a,h)anthracene was recovered above the control limits from the Lab Control Sample (discussed below). Because TPH-Dx and PAH compounds were not detected in the 2025 Q1 samples, ARI did not take any corrective action associated with the surrogate recoveries that were outside control limits.
- Lab control samples (LCS) are prepared and analyzed by the lab. For analysis of aqueous samples, known concentrations of analytes of interest are added to reagent-free water (e.g. deionized water). The percentages of the concentrations recovered from LCS are compared to control limits to evaluate the accuracy and precision of the analytical process. Lab control sample duplicates (LCSD) are replicates of the LCS. The relative percent difference (RPD) between LCS and LCSD recovery results are compared to control limits to evaluate reproducibility of the analytical process. The recoveries of PAH compounds benzo(b)fluoranthene, benzo(k)fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, benzo(g,h,i)perylene were above the control limits in the 2025 Q1 LCS. Because PAH compounds were not detected in the 2025 Q1 samples, ARI did not take any corrective action associated with LCS recovery results.

Consistent with the VCP Monitoring Plan, field QA/QC included a blind field duplicate labeled MW-22S that was collected at well MW-12S and analyzed to evaluate analytical precision. No Site chemicals of concern were detected in either the 2025 Q1 field duplicate MW-22S or MW-12S.

## 2.2 GROUNDWATER FLOW DIRECTION

Water levels measured in the shallow well network during the 2025 Q1 sampling event (Table 2, measurements made March 11 and 12, 2025) were used to generate elevation contours of the water table (Figure 1). The contours reflect a very flat water table, varying only 0.1 feet, or 1.2 inches, across the Site. The groundwater flow direction during the 2025 Q1 event was toward the northwest.

# 3.0 REFERENCES

Bottem, Kelly. 2015. Email from Kelly Bottem, ARI, to Inger Jackson, Pacific Groundwater Group re: AMQ4 Maytown. September 29, 2015.

Marek, undated. Birds Eye Foods – UST Site Tacoma, WA. Letter from Mr. Steve Marek, Director Environmental Health Division Tacoma – Pierce County Health Department to Mr. Scott Fehseke, Pinnacle Foods, LLC. Digital version of letter received by Pinnacle Foods, LLC via email on June 13, 2013.

Pacific Groundwater Group, 2011. Birds Eye Foods Tacoma, WA 2011 Remedial Investigation/Feasibility Study. Consultant's report prepared for Pinnacle Foods Group, LLC. December 16, 2011.

Pacific Groundwater Group, 2012. Birds Eye Foods, Tacoma Boiler Room Site Long-Term Groundwater Monitoring Plan VCP Site Number SW1187. Consultant's re-port prepared for Pinnacle Foods Group, LLC. October 23, 2012

Washington State Department of Ecology, 2007. Model Toxics Control Act Statute and Regulation. WAC 173-340. Publication No. 94-06. Revised November 2007.

Washington State Department of Ecology, 2014. Cleanup Levels and Risk Calculations (CLARC) Data Tables – May 2014 update. https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx

Washington State Department of Ecology, 2019. Periodic Review Report Final Birds Eye Foods Facility; Site ID#: 1328; Cleanup Site ID#: 5012; 3303 South 35th Street Tacoma, Washington 98409. Southwest Regional Office Toxics Cleanup Program. February 2019.

# 4.0 CLOSING

We hope this data contributes to your understanding of the Site and groundwater monitoring data. Please contact Inger Jackson at Strata with questions.

Respectfully submitted,

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*BirdsEye2025Q1_FinalRpt*

Cc: Allison Torrence, Conagra Brands
Keith Johnston, Tacoma – Pierce County Health Department

Attachments:

Table 1. VCP Long-Term Monitoring Well Network Construction Details, Birds Eye Boiler Room Site

Table 2. Summary of Groundwater Quality Data, Birds Eye Foods, 2025 Q1

Table 3. Summary of Polycyclic Aromatic Hydrocarbons (PAH, SW8270D), Birds Eye Foods, 2025 Q1

Table 4. Summary of 2025 Q1 Original and Reanalyses of Polycyclic Aromatic Hydrocarbons (PAHs) in Select Samples

Figure 1. VCP Long-Term Monitoring Well Network and 2025 Q1 Water Table Contours

Appendix A. ARI Lab Report 25C0282, April 24, 2025

**Table 1. VCP Long-Term Monitoring Well Network Construction Details, Birds Eye Boiler Room Site**

| | Units, Datum* | MW-9S | MW-9D | MW-12S | MW-12D | MW-13S | MW-13D | MW-14S | MW-14D |
|---|---|---|---|---|---|---|---|---|---|
| Unique Well ID (UWID) | | | | BHL 104 | BHL 103 | BHL 106 | BHL 105 | BHL 108 | BHL 107 |
| Location Information | | | | | | | | | |
| Township/Range-Section | | 21N/R3E-07 | 21N/R3E-07 | 21N/R3E-07 | 21N/R3E-07 | 21N/R3E-07 | 21N/R3E-07 | 21N/R3E-07 | 21N/R3E-07 |
| Northing | feet, NAD 83/91 WA South | 697261.9 | 697257.9 | 697590.9 | 697585.0 | 697449.3 | 697457.4 | 697375.4 | 697375.0 |
| Easting | feet, NAD 83/91 WA South | 1148195.0 | 1148194.9 | 1148259.2 | 1148259.1 | 1148109.1 | 1148110.2 | 1148314.6 | 1148326.9 |
| Ground Surface Elevation | feet, NAVD 88 | 247.67 | 247.64 | 248.24 | 248.19 | 247.23 | 247.24 | 249.45 | 249.43 |
| Measuring Point Elevation | feet, NAVD 88 | 246.99 | 247.14 | 247.86 | 247.90 | 246.89 | 246.98 | 249.08 | 249.10 |
| Construction Information | | | | | | | | | |
| Date Completed | | 10/22/1991 | 8/24/1992 | 4/23/2012 | 4/23/2012 | 4/24/2012 | 4/24/2012 | 4/26/2012 | 4/25/2012 |
| Diameter | inches | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Depth Drilled | feet bgs | 37 | 82 | 35 | 75 | 35 | 75 | 35 | 75 |
| Top of Screen | feet bgs | 22 | 77 | 20 | 63 | 20 | 63 | 20 | 63 |
| Bottom of Screen | feet bgs | 37 | 82 | 35 | 73 | 35 | 73 | 35 | 73 |
| Depth Completed | feet bgs | 37 | 82 | 35 | 73 | 35 | 73 | 35 | 73 |
| Monument Type | | ← | | | Sherwood High Traffic Flush Monument | | | | → |

* Vertical and Horizontal Datums use the Washington State Reference Network
bgs = below ground surface

## Table 2: Summary of Groundwater Quality Data, Birds Eye Foods, 2025 Q1

| CONSTITUENT | UNITS | Site Cleanup Levels* | MW-9S | MW-9D | MW-12S | MW-12D | MW-13S | MW-13D | MW-14S | MW-14D |
|---|---|---|---|---|---|---|---|---|---|---|
| **Field Parameters** | | | | | | | | | | |
| Depth to Water | feet | | 18.04 | 18.32 | 19 | 19.17 | 18.04 | 18.19 | 20.2 | 20.3 |
| pH, Field | std. units | | 7.18 | 6.85 | 6.87 | 7.61 | 6.71 | 7.6 | 6.96 | 7.24 |
| Specific Conductance, Field | umhos/cm | | 286.8 | 287.8 | 537.2 | 449.3 | 144 | 465.5 | 312.4 | 400.3 |
| Temperature (C) | C | | 14.4 | 14.3 | 14.5 | 13.8 | 14.3 | 14 | 14.5 | 14.1 |
| Turbidity, Field | NTU | | 3.8 | 15.8 | 18.3 | 3.77 | 3.5 | 40.1 | 6.84 | 1.83 |
| **NWTPH Analytes** | | | | | | | | | | |
| Diesel Range Organics | mg/L | 0.5 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| Gasoline Range Organics | mg/L | 0.8 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U |
| Oil Range Organics | mg/L | 0.5 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| **BTEX (EPA 8260)** | | | | | | | | | | |
| Benzene | ug/L | 5 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| Ethylbenzene | ug/L | 700 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| Toluene | ug/L | 1000 | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| o-Xylene | ug/L | | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| Xylene Isomers, m+p | ug/L | | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U | 0.4 U |

**Cleanup Levels based on MTCA Method A.*

*MTCA Cleanup Levels: Gasoline Range Organics 0.8 mg/L if benzene present, 1.0 mg/L if benzene not present; Xylenes 1000 ug/L (individual cleanup levels for m+p xylenes and o-xylenes not established); Benzo(a)pyrene cleanup level represents the total concentration that all carcinogenic PAHs must meet using the toxicity equivalency method in WAC 173-340-708(8). See Table 3 for PAHs and text if carcinogenic PAHs detected in groundwater samples for this event.*

*NWTPH-Dx analysis with silica gel cleanup, consistent with historical site analyses*

*Lower case qualifiers assigned by PGG QA/QC data reviewer.*
*Upper case qualifiers assigned by lab.*
*Bold text indicates constituent detected at or above method reporting limit.*

*U - Compound not detected*
*J - Concentration estimated*
*H - Analyzed outside holding time*

## Table 3: Summary of Polycyclic Aromatic Hydrocarbon (PAH, SW8270D) Data, Birds Eye Foods, 2025 Q1

| CONSTITUENT | UNITS | Site Cleanup Levels* | MW-9S | MW-9D | MW-12S | MW-12D | MW-13S | MW-13D | MW-14S | MW-14D |
|---|---|---|---|---|---|---|---|---|---|---|
| **Carcinogenic PAHs** | | | | | | | | | | |
| Benzo(a)anthracene | ug/L | | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 H, U |
| Benzo(a)pyrene | ug/L | 0.1 | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 H, U |
| Benzo(b)fluoranthene | ug/L | | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 H, U |
| Benzo(k)fluoranthene | ug/L | | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 H, U |
| Chrysene | ug/L | | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 H, U |
| Dibenzo(a,h)anthracene | ug/L | | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 H, U |
| Indeno(1,2,3-cd)pyrene | ug/L | | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 H, U |
| **Non-Carcinogenic PAHs** | | | | | | | | | | |
| Acenaphthene | ug/L | | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 H, U |
| Acenaphthylene | ug/L | | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 H, U |
| Anthracene | ug/L | | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 H, U |
| Benzo(g,h,i)perylene | ug/L | | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 H, U |
| Fluoranthene | ug/L | | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 H, U |
| Fluorene | ug/L | | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 H, U |
| Naphthalene | ug/L | 160 | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 H, U |
| Phenanthrene | ug/L | | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 H, U |
| Pyrene | ug/L | | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 U | 0.1 H, U | 0.1 U | 0.1 H, U |

**Cleanup Levels based on MTCA Method A.*

*MTCA Cleanup Levels: Gasoline Range Organics 0.8 mg/L if benzene present, 1.0 mg/L if benzene not present; Xylenes 1000 ug/L (individual cleanup levels for m+p xylenes and o-xylenes not established); Benzo(a)pyrene cleanup level represents the total concentration that all carcinogenic PAHs must meet using the toxicity equivalency method in WAC 173-340-708(8). See Table 3 for PAHs and text if carcinogenic PAHs detected in groundwater samples for this event.*

*NWTPH-Dx analysis with silica gel cleanup, consistent with historical site analyses*

*Lower case qualifiers assigned by PGG QA/QC data reviewer.*
*Upper case qualifiers assigned by lab.*
*Bold text indicates constituent detected at or above method reporting limit.*

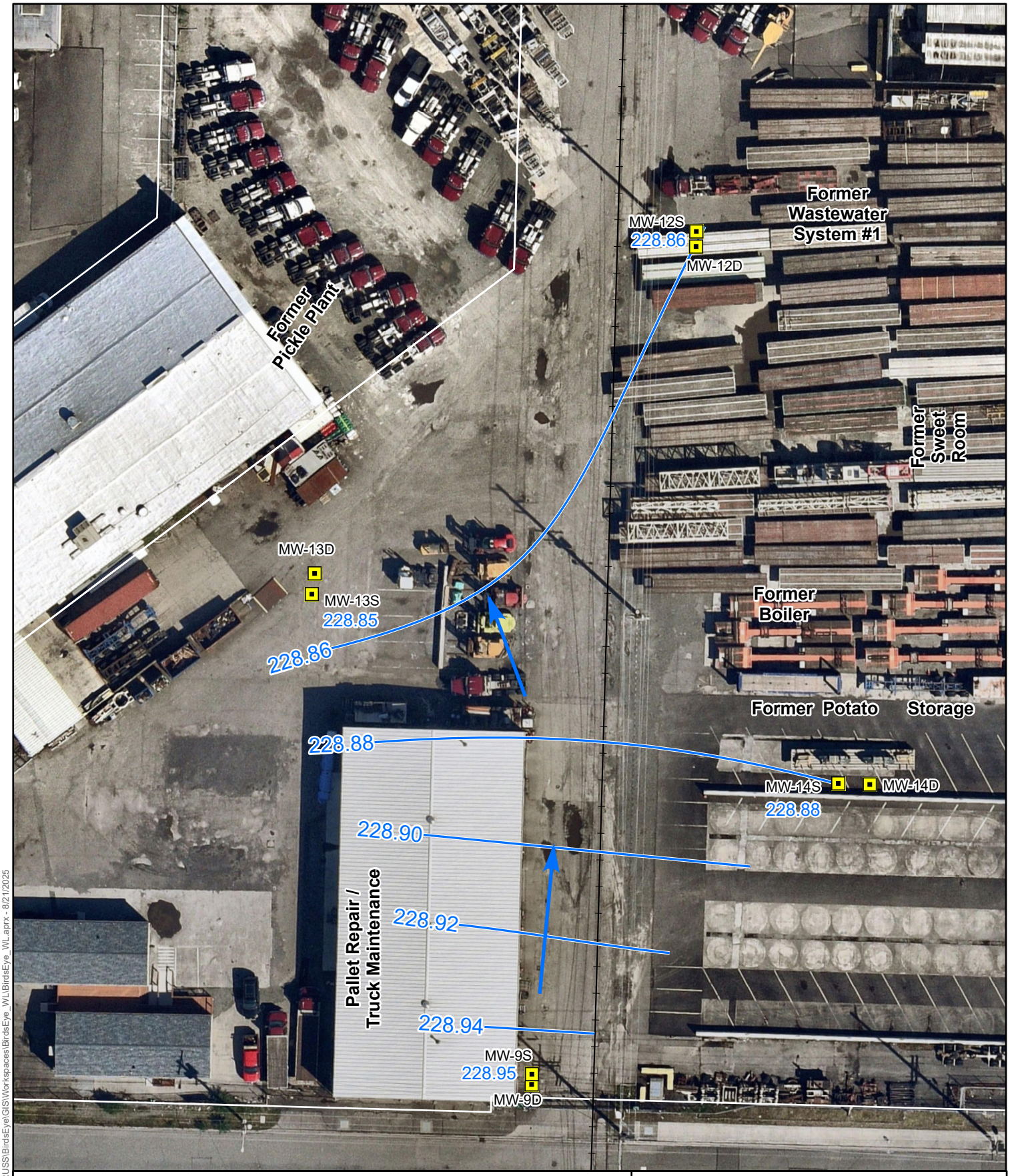
*U - Compound not detected*
*J - Concentration estimated*
*H - Analyzed outside holding time*

## Table 4. Summary of 2025 Q1 Original and Reanalyses of Polycyclic Aromatic Hydrocarbons (PAHs) in Select Samples

| Event | Analysis Method | Constituent | Extracted Date | Analyzed Date | Dilution | MW-12S | MW-13D | MW-14D |
|---|---|---|---|---|---|---|---|---|
| 2025 Q1 | SW8270ESIM | Benzo(a)anthracene | 3/18/2025 | 3/26/2025 | 5 | 0.5 U | 0.5 U | 0.5 U |
| 2025 Q1 | SW8270ESIM | Benzo(a)anthracene | 4/10/2025 | 4/16/2025 | 1 | 0.1 H, U | 0.1 H, U | 0.1 H, U |
| 2025 Q1 | SW8270ESIM | Benzo(a)pyrene | 3/18/2025 | 3/26/2025 | 5 | 0.5 U | 0.5 U | 0.5 U |
| 2025 Q1 | SW8270ESIM | Benzo(a)pyrene | 4/10/2025 | 4/16/2025 | 1 | 0.1 H, U | 0.1 H, U | 0.1 H, U |
| 2025 Q1 | SW8270ESIM | Benzo(b)fluoranthene | 3/18/2025 | 3/26/2025 | 5 | 0.5 U | 0.5 U | 0.5 U |
| 2025 Q1 | SW8270ESIM | Benzo(b)fluoranthene | 4/10/2025 | 4/16/2025 | 1 | 0.1 H, U | 0.1 H, U | 0.1 H, U |
| 2025 Q1 | SW8270ESIM | Benzo(k)fluoranthene | 3/18/2025 | 3/26/2025 | 5 | 0.5 U | 0.5 U | 0.5 U |
| 2025 Q1 | SW8270ESIM | Benzo(k)fluoranthene | 4/10/2025 | 4/16/2025 | 1 | 0.1 H, U | 0.1 H, U | 0.1 H, U |
| 2025 Q1 | SW8270ESIM | Chrysene | 3/18/2025 | 3/26/2025 | 5 | 0.5 U | 0.5 U | 0.5 U |
| 2025 Q1 | SW8270ESIM | Chrysene | 4/10/2025 | 4/16/2025 | 1 | 0.1 H, U | 0.1 H, U | 0.1 H, U |
| 2025 Q1 | SW8270ESIM | Dibenzo(a,h)anthracene | 3/18/2025 | 3/26/2025 | 5 | 0.5 U | 0.5 U | 0.5 U |
| 2025 Q1 | SW8270ESIM | Dibenzo(a,h)anthracene | 4/10/2025 | 4/16/2025 | 1 | 0.1 H, U | 0.1 H, U | 0.1 H, U |
| 2025 Q1 | SW8270ESIM | Indeno(1,2,3-cd)pyrene | 3/18/2025 | 3/26/2025 | 5 | 0.5 U | 0.5 U | 0.5 U |
| 2025 Q1 | SW8270ESIM | Indeno(1,2,3-cd)pyrene | 4/10/2025 | 4/16/2025 | 1 | 0.1 H, U | 0.1 H, U | 0.1 H, U |
| 2025 Q1 | SW8270ESIM | Acenaphthene | 3/18/2025 | 3/26/2025 | 5 | 0.5 U | 0.5 U | 0.5 U |
| 2025 Q1 | SW8270ESIM | Acenaphthene | 4/10/2025 | 4/16/2025 | 1 | 0.1 H, U | 0.1 H, U | 0.1 H, U |
| 2025 Q1 | SW8270ESIM | Acenaphthylene | 3/18/2025 | 3/26/2025 | 5 | 0.5 U | 0.5 U | 0.5 U |
| 2025 Q1 | SW8270ESIM | Acenaphthylene | 4/10/2025 | 4/16/2025 | 1 | 0.1 H, U | 0.1 H, U | 0.1 H, U |
| 2025 Q1 | SW8270ESIM | Anthracene | 3/18/2025 | 3/26/2025 | 5 | 0.5 U | 0.5 U | 0.5 U |
| 2025 Q1 | SW8270ESIM | Anthracene | 4/10/2025 | 4/16/2025 | 1 | 0.1 H, U | 0.1 H, U | 0.1 H, U |
| 2025 Q1 | SW8270ESIM | Benzo(g,h,i)perylene | 3/18/2025 | 3/26/2025 | 5 | 0.5 U | 0.5 U | 0.5 U |
| 2025 Q1 | SW8270ESIM | Benzo(g,h,i)perylene | 4/10/2025 | 4/16/2025 | 1 | 0.1 H, U | 0.1 H, U | 0.1 H, U |
| 2025 Q1 | SW8270ESIM | Fluoranthene | 3/18/2025 | 3/26/2025 | 5 | 0.5 U | 0.5 U | 0.5 U |
| 2025 Q1 | SW8270ESIM | Fluoranthene | 4/10/2025 | 4/16/2025 | 1 | 0.1 H, U | 0.1 H, U | 0.1 H, U |
| 2025 Q1 | SW8270ESIM | Fluorene | 3/18/2025 | 3/26/2025 | 5 | 0.5 U | 0.5 U | 0.5 U |
| 2025 Q1 | SW8270ESIM | Fluorene | 4/10/2025 | 4/16/2025 | 1 | 0.1 H, U | 0.1 H, U | 0.1 H, U |
| 2025 Q1 | SW8270ESIM | Naphthalene | 3/18/2025 | 3/26/2025 | 5 | 0.5 U | 0.5 U | 0.5 U |
| 2025 Q1 | SW8270ESIM | Naphthalene | 4/10/2025 | 4/16/2025 | 1 | 0.1 H, U | 0.1 H, U | 0.1 H, U |
| 2025 Q1 | SW8270ESIM | Phenanthrene | 3/18/2025 | 3/26/2025 | 5 | 0.5 U | 0.5 U | 0.5 U |
| 2025 Q1 | SW8270ESIM | Phenanthrene | 4/10/2025 | 4/16/2025 | 1 | 0.1 H, U | 0.1 H, U | 0.1 H, U |
| 2025 Q1 | SW8270ESIM | Pyrene | 3/18/2025 | 3/26/2025 | 5 | 0.5 U | 0.5 U | 0.5 U |
| 2025 Q1 | SW8270ESIM | Pyrene | 4/10/2025 | 4/16/2025 | 1 | 0.1 H, U | 0.1 H, U | 0.1 H, U |

H = analysis performed outside method holding time

U = parameter not detected aove the reporting limit




Long-Term Monitoring Well Network with Water Table Elevation in Feet

Water Table Elevation Contours in Feet NAVD88

Groundwater Flow Direction

0 Feet 50

2020 Orthophoto

# Figure 1

## VCP Long-Term Monitoring Well Network & 2025 Q1 Water Table Contours

Birds Eye
2025 Q1 Monitoring Report

Strata Geosciences

K:\RUSS\BirdsEye\GIS\Workspaces\BirdsEye_WL\BirdsEye_WL.aprx - 8/21/2025

**Analytical Resources, LLC**
**Analytical Chemists and Consultants**
**Tukwila, WA**

24 April 2025

Inger Jackson
Mott MacDonald
1601 5th Avenue  Suite 800
Seattle, WA 98101

RE: Birds Eye (51800040-003)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

| Associated Work Order(s) | Associated SDG ID(s) |
|---|---|
| 25C0282 | N/A |

---

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Kelly Bottem, Client Services Manager

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

# Chain of Custody Record & Laboratory Analysis Request

| | | | |
|---|---|---|---|
| ARI Assigned Number: 25C0282 | Turn-around Requested: STANDARD | Page: | of |
| ARI Client Company: Mott MacDonald / PGG | Phone: | Date: | Ice Present? |
| Client Contact: Inger Jackson | | No. of Coolers: | Cooler Temps: |
| Client Project Name: Birds Eye | | | |
| Client Project #: 518300040-003 | Samplers: C. Stice / N. Burt | | |


Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)


| Sample ID | Date | Time | Matrix | No. Containers | Analysis Requested: BTEX +G | NWTPH-Dx w/ Silica Gel | Sims PAHs | | | | | | Notes/Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-12S | 3/11/25 | 09:50 | GW | 9 | 5 | 2 | 2 | | | | | | |
| MW-12D | 3/11/25 | 11:35 | | 21 | 9 | 6 | 6 | | | | | | MS/MSD included |
| MW-22S | 3/11/25 | 09:55 | | 9 | 5 | 2 | 2 | | | | | | |
| MW-9S | 3/11/25 | 13:45 | | 7 | 3 | 2 | 2 | | | | | | |
| MW-9D | 3/11/25 | 16:10 | | 7 | 3 | 2 | 2 | | | | | | |
| MW-13S | 3/12/25 | 10:15 | | 9 | 5 | 2 | 2 | | | | | | |
| MW-13D | 3/12/25 | 12:3 | | 9 | 5 | 2 | 2 | | | | | | |
| MW-14S | 3/11/25 | 15:25 | | 7 | 3 | 2 | 2 | | | | | | |
| MW-14D | 3/12/25 | 13:10 | | 9 | 5 | 2 | 2 | | | | | | |
| | | | | 9 | | | | | | | | | |

| Comments/Special Instructions | Relinquished by: (Signature) | Received by: (Signature) | Relinquished by: (Signature) | Received by: (Signature) |
|---|---|---|---|---|
| EDD in PGG format + EIM format. | Printed Name: Cheyenne Stice | Printed Name: Roman A. | Printed Name: | Printed Name: |
| | Company: Mott MacDonald | Company: ARLLC | Company: | Company: |
| | Date & Time: 3/12/25 14:45 | Date & Time: 03/12/25 1445 | Date & Time: | Date & Time: |

***Limits of Liability:*** *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

**Sample Retention Policy:** All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| MW-12S | 25C0282-01 | Water | 11-Mar-2025 09:50 | 13-Mar-2025 14:45 |
| MW-12D | 25C0282-02 | Water | 11-Mar-2025 11:35 | 13-Mar-2025 14:45 |
| MW-22S | 25C0282-03 | Water | 11-Mar-2025 09:55 | 13-Mar-2025 14:45 |
| MW-9S | 25C0282-04 | Water | 11-Mar-2025 13:45 | 13-Mar-2025 14:45 |
| MW-9D | 25C0282-05 | Water | 11-Mar-2025 16:10 | 13-Mar-2025 14:45 |
| MW-13S | 25C0282-06 | Water | 12-Mar-2025 10:15 | 13-Mar-2025 14:45 |
| MW-13D | 25C0282-07 | Water | 12-Mar-2025 12:30 | 13-Mar-2025 14:45 |
| MW-14S | 25C0282-08 | Water | 11-Mar-2025 15:25 | 13-Mar-2025 14:45 |
| MW-14D | 25C0282-09 | Water | 12-Mar-2025 13:10 | 13-Mar-2025 14:45 |
| Trip Blank | 25C0282-10 | Water | 11-Mar-2025 09:50 | 13-Mar-2025 14:45 |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

# Work Order Case Narrative

**Gasoline by NWTPH-g (GC/MS)**

The sample(s) were analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

Internal standard areas were within limits.

The surrogate percent recoveries were within control limits.

The method blank(s) were clean at the reporting limits.

The blank spike and blank spike duplicate (BS/LCS and BSD/LCSD) spike recoveries and relative percent difference (RPD) were within control limits.

The matrix spike/matrix spike duplicate (MS/MSD) spike recoveries and relative percent difference (RPD) were within advisory control limits.

**Volatiles - EPA Method SW8260D**

The sample(s) were analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

Internal standard areas were within limits.

The surrogate percent recoveries were within control limits.

The method blank(s) were clean at the reporting limits.

The blank spike and blank spike duplicate (BS/LCS and BSD/LCSD) spike recoveries and relative percent difference (RPD) were within control limits.

The matrix spike/matrix spike duplicate (MS/MSD) spike recoveries and relative percent difference (RPD) were within advisory control limits.

**Polynuclear Aromatic Hydrocarbons (PAH) - EPA Method SW8270E-SIM**

The sample(s) were extracted and analyzed within the recommended holding times with the exception of samples 25C0282-01RE1, 03RE1, 07RE1 and 09RE1. The samples were originally analyzed at dilutions by the analyst. Upon PM review the samples were requested to be re-analyzed at a lesser dilution and were re-extracted instead. The data was again reviewed by the PM and a request was made to re-analyze from the original extract vials however the vials had dried up for samples that have been flagged with an "H" qualifer. Both runs were reported for samples 25C0282-01RE1, 03RE1, 07RE1

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

and 09RE1.

Initial and continuing calibrations were within method requirements.

Internal standard areas were within limits.

The surrogate percent recoveries were within control limits with the exception of surrogates flagged on the associated forms.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits with the exception of analytes flagged on the associated forms.

The matrix spike/matrix spike duplicate (MS/MSD) were not reported as the samples volumes were consumed during multiple analysis runs.

**Diesel/Heavy Oil Range Organics - WA-Ecology Method NW-TPHDx**

The sample(s) were extracted and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The surrogate percent recoveries were within control limits.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

The matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

# Cooler Receipt Form

ARI Client: Mott macdonald  Project Name: Birds Eye

COC No(s): _____ (NA)  Delivered by: Fed-Ex UPS Courier Hand Delivered Other:____

Assigned ARI Job No: 25C0282  Tracking No: _____ (NA)

**Preliminary Examination Phase:**

| | | |
|---|---|---|
| Were intact, properly signed and dated custody seals attached to the outside of the cooler? | YES | (NO) |
| Were custody papers included with the cooler? | (YES) | NO |
| Were custody papers properly filled out (ink, signed, etc.) | (YES) | NO |
| Temperature of Cooler(s) (°C) Time 1445 2.3 1.8 0.5 ____ ____ ____ Temp Gun ID#: 9708 | | |
| Was a temperature blank included in the cooler? | YES | (NO) |
| Were coolers received between 0°- 6° (°C) | YES | NO |
| Was sufficient ice used (if appropriate)? | NA (YES) | NO |

Cooler Accepted by: _____ Date: 03/12/25 Time: 1445

***Complete custody forms and attach all shipping documents***

## Log-In Phase:

What kind of packing material was used? Bubble Wrap (Wet Ice) Gel Packs Baggies Foam Block N/A Other: _____

| | | | |
|---|---|---|---|
| Are any samples that were out of temperature compliance documented in LIMS? | | (YES) | NO |
| How were bottles sealed in plastic bags? | Individually | Grouped | (Not) |
| Did all bottles arrive in good condition (unbroken)? | | (YES) | NO |
| Were all bottle labels complete and legible? | | (YES) | NO |
| Did the number of containers listed on COC match with the number of containers received? | | (YES) | NO |
| Did all bottle labels and tags agree with custody papers? | | (YES) | NO |
| Were all bottles used correct for the requested analyses? | | (YES) | NO |
| Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) | (NA) | YES | NO |
| Were all VOC vials free of air bubbles? | NA | (YES) | NO |
| Was sufficient amount of sample sent in each bottle? | | (YES) | NO |
| Date VOC Trip Blank was made at ARI | NA | 02/24/25 | |

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: MD Date: 03/13/25 Time: 1619 Labels checked by: MD

** ***Notify Project Manager of discrepancies or concerns*** **

***Additional Notes, Discrepancies, & Resolutions:***

By: Date:

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-12S

**25C0282-01 (Water)**

### Volatile Organic Compounds

Method: EPA 8260D — Sampled: 03/11/2025 09:50

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 12:18

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-01 E

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Benzene | 71-43-2 | 1 | 0.20 | ND | ug/L | U |
| Toluene | 108-88-3 | 1 | 0.20 | ND | ug/L | U |
| Ethylbenzene | 100-41-4 | 1 | 0.20 | ND | ug/L | U |
| m,p-Xylene | 179601-23-1 | 1 | 0.40 | ND | ug/L | U |
| o-Xylene | 95-47-6 | 1 | 0.20 | ND | ug/L | U |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *80-129 %* | *95.1* | *%* | |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *98.3* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *95.2* | *%* | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | | | *80-120 %* | *102* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-12S

**25C0282-01 (Water)**

### Volatile Organic Compounds

Method: NWTPHg — Sampled: 03/11/2025 09:50

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 12:18

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-01 E

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Gasoline Range Organics (Tol-Nap) | GRO | 1 | 100 | ND | ug/L | U |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *98.3* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *95.2* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-12S

**25C0282-01 (Water)**

### Semivolatile Organic Compounds - SIM

Method: EPA 8270E-SIM — Sampled: 03/11/2025 09:50
Instrument: NT8 Analyst: JZ — Analyzed: 03/26/2025 15:33

Sample Preparation: Preparation Method: EPA 3520C (Liq Liq) — Extract ID: 25C0282-01 B 02
Preparation Batch: BNC0405 — Sample Size: 500 mL
Prepared: 03/18/2025 — Final Volume: 0.5 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Naphthalene | 91-20-3 | 5 | 0.50 | ND | ug/L | U |
| 2-Methylnaphthalene | 91-57-6 | 5 | 0.50 | ND | ug/L | U |
| 1-Methylnaphthalene | 90-12-0 | 5 | 0.50 | ND | ug/L | U |
| Acenaphthylene | 208-96-8 | 5 | 0.50 | ND | ug/L | U |
| Acenaphthene | 83-32-9 | 5 | 0.50 | ND | ug/L | U |
| Dibenzofuran | 132-64-9 | 5 | 0.50 | ND | ug/L | U |
| Fluorene | 86-73-7 | 5 | 0.50 | ND | ug/L | U |
| Phenanthrene | 85-01-8 | 5 | 0.50 | ND | ug/L | U |
| Anthracene | 120-12-7 | 5 | 0.50 | ND | ug/L | U |
| Fluoranthene | 206-44-0 | 5 | 0.50 | ND | ug/L | U |
| Pyrene | 129-00-0 | 5 | 0.50 | ND | ug/L | U |
| Benzo(a)anthracene | 56-55-3 | 5 | 0.50 | ND | ug/L | U |
| Chrysene | 218-01-9 | 5 | 0.50 | ND | ug/L | U |
| Benzo(b)fluoranthene | 205-99-2 | 5 | 0.50 | ND | ug/L | U |
| Benzo(k)fluoranthene | 207-08-9 | 5 | 0.50 | ND | ug/L | U |
| Benzo(j)fluoranthene | 205-82-3 | 5 | 0.50 | ND | ug/L | U |
| Benzofluoranthenes, Total | | 5 | 1.50 | ND | ug/L | U |
| Benzo(a)pyrene | 50-32-8 | 5 | 0.50 | ND | ug/L | U |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 5 | 0.50 | ND | ug/L | U |
| Dibenzo(a,h)anthracene | 53-70-3 | 5 | 0.50 | ND | ug/L | U |
| Benzo(g,h,i)perylene | 191-24-2 | 5 | 0.50 | ND | ug/L | U |
| *Surrogate: 2-Methylnaphthalene-d10* | | | *31-120 %* | *53.7* | *%* | |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | | | *10-125 %* | *63.2* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-12S

**25C0282-01 (Water)**

### Petroleum Hydrocarbons

Method: NWTPH-Dx — Sampled: 03/11/2025 09:50
Instrument: FID4 Analyst: VD — Analyzed: 04/02/2025 21:42

| | | | |
|---|---|---|---|
| Sample Preparation: | Preparation Method: EPA 3510C SepF | | Extract ID: 25C0282-01 A 01 |
| | Preparation Batch: BNC0404 | Sample Size: 500 mL | |
| | Prepared: 03/17/2025 | Final Volume: 1 mL | |
| Sample Cleanup: | Cleanup Method: Silica Gel | | Extract ID: 25C0282-01 A 01 |
| | Cleanup Batch: CNC0136 | Initial Volume: 1 uL | |
| | Cleaned: 29-Mar-2025 | Final Volume: 1 uL | |

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Diesel Range Organics (C12-C24) | DRO | 1 | 0.100 | ND | mg/L | U |
| Motor Oil Range Organics (C24-C38) | RRO | 1 | 0.200 | ND | mg/L | U |
| *Surrogate: o-Terphenyl* | | | *50-150 %* | *81.2* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-12S

**25C0282-01RE1 (Water)**

### Semivolatile Organic Compounds - SIM

Method: EPA 8270E-SIM — Sampled: 03/11/2025 09:50
Instrument: NT17 Analyst: RJL — Analyzed: 04/16/2025 16:39

Sample Preparation: Preparation Method: EPA 3520C (Liq Liq) — Extract ID: 25C0282-01RE1 C 01
Preparation Batch: BND0234 — Sample Size: 500 mL
Prepared: 04/10/2025 — Final Volume: 0.5 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Naphthalene | 91-20-3 | 1 | 0.10 | ND | ug/L | H, U |
| 2-Methylnaphthalene | 91-57-6 | 1 | 0.10 | ND | ug/L | H, U |
| 1-Methylnaphthalene | 90-12-0 | 1 | 0.10 | ND | ug/L | H, U |
| Acenaphthylene | 208-96-8 | 1 | 0.10 | ND | ug/L | H, U |
| Acenaphthene | 83-32-9 | 1 | 0.10 | ND | ug/L | H, U |
| Dibenzofuran | 132-64-9 | 1 | 0.10 | ND | ug/L | H, U |
| Fluorene | 86-73-7 | 1 | 0.10 | ND | ug/L | H, U |
| Phenanthrene | 85-01-8 | 1 | 0.10 | ND | ug/L | H, U |
| Anthracene | 120-12-7 | 1 | 0.10 | ND | ug/L | H, U |
| Fluoranthene | 206-44-0 | 1 | 0.10 | ND | ug/L | H, U |
| Pyrene | 129-00-0 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(a)anthracene | 56-55-3 | 1 | 0.10 | ND | ug/L | H, U |
| Chrysene | 218-01-9 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(b)fluoranthene | 205-99-2 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(k)fluoranthene | 207-08-9 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(j)fluoranthene | 205-82-3 | 1 | 0.10 | ND | ug/L | H, U |
| Benzofluoranthenes, Total | | 1 | 0.30 | ND | ug/L | H, U |
| Benzo(a)pyrene | 50-32-8 | 1 | 0.10 | ND | ug/L | H, U |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 1 | 0.10 | ND | ug/L | H, U |
| Dibenzo(a,h)anthracene | 53-70-3 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(g,h,i)perylene | 191-24-2 | 1 | 0.10 | ND | ug/L | H, U |
| *Surrogate: 2-Methylnaphthalene-d10* | | | *31-120 %* | *55.4* | *%* | H |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | | | *10-125 %* | *52.1* | *%* | H |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-12D

**25C0282-02 (Water)**

### Volatile Organic Compounds

Method: EPA 8260D — Sampled: 03/11/2025 11:35

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 12:40

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-02 M

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Benzene | 71-43-2 | 1 | 0.20 | ND | ug/L | U |
| Toluene | 108-88-3 | 1 | 0.20 | ND | ug/L | U |
| Ethylbenzene | 100-41-4 | 1 | 0.20 | ND | ug/L | U |
| m,p-Xylene | 179601-23-1 | 1 | 0.40 | ND | ug/L | U |
| o-Xylene | 95-47-6 | 1 | 0.20 | ND | ug/L | U |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *80-129 %* | *98.4* | *%* | |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *97.7* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *97.0* | *%* | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | | | *80-120 %* | *99.4* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-12D

**25C0282-02 (Water)**

### Volatile Organic Compounds

Method: NWTPHg — Sampled: 03/11/2025 11:35

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 12:40

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-02 M

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Gasoline Range Organics (Tol-Nap) | GRO | 1 | 100 | ND | ug/L | U |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *97.7* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *97.0* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-12D

**25C0282-02 (Water)**

### Petroleum Hydrocarbons

Method: NWTPH-Dx — Sampled: 03/11/2025 11:35
Instrument: FID4 Analyst: VD — Analyzed: 04/02/2025 22:02

| | | | |
|---|---|---|---|
| Sample Preparation: | Preparation Method: EPA 3510C SepF | | Extract ID: 25C0282-02 A 01 |
| | Preparation Batch: BNC0404 | Sample Size: 500 mL | |
| | Prepared: 03/17/2025 | Final Volume: 1 mL | |
| Sample Cleanup: | Cleanup Method: Silica Gel | | Extract ID: 25C0282-02 A 01 |
| | Cleanup Batch: CNC0136 | Initial Volume: 1 uL | |
| | Cleaned: 29-Mar-2025 | Final Volume: 1 uL | |

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Diesel Range Organics (C12-C24) | DRO | 1 | 0.100 | ND | mg/L | U |
| Motor Oil Range Organics (C24-C38) | RRO | 1 | 0.200 | ND | mg/L | U |
| *Surrogate: o-Terphenyl* | | | *50-150 %* | *86.8* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-12D

**25C0282-02RE2 (Water)**

### Semivolatile Organic Compounds - SIM

Method: EPA 8270E-SIM — Sampled: 03/11/2025 11:35

Instrument: NT17 Analyst: RJL — Analyzed: 04/23/2025 16:25

Sample Preparation: Preparation Method: EPA 3520C (Liq Liq) — Extract ID: 25C0282-02RE2 B 02

Preparation Batch: BNC0405 — Sample Size: 500 mL

Prepared: 03/18/2025 — Final Volume: 0.5 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Naphthalene | 91-20-3 | 1 | 0.10 | ND | ug/L | U |
| 2-Methylnaphthalene | 91-57-6 | 1 | 0.10 | ND | ug/L | U |
| 1-Methylnaphthalene | 90-12-0 | 1 | 0.10 | ND | ug/L | U |
| Acenaphthylene | 208-96-8 | 1 | 0.10 | ND | ug/L | U |
| Acenaphthene | 83-32-9 | 1 | 0.10 | ND | ug/L | U |
| Dibenzofuran | 132-64-9 | 1 | 0.10 | ND | ug/L | U |
| Fluorene | 86-73-7 | 1 | 0.10 | ND | ug/L | U |
| Phenanthrene | 85-01-8 | 1 | 0.10 | ND | ug/L | U |
| Anthracene | 120-12-7 | 1 | 0.10 | ND | ug/L | U |
| Fluoranthene | 206-44-0 | 1 | 0.10 | ND | ug/L | U |
| Pyrene | 129-00-0 | 1 | 0.10 | ND | ug/L | U |
| Benzo(a)anthracene | 56-55-3 | 1 | 0.10 | ND | ug/L | U |
| Chrysene | 218-01-9 | 1 | 0.10 | ND | ug/L | U |
| Benzo(b)fluoranthene | 205-99-2 | 1 | 0.10 | ND | ug/L | U |
| Benzo(k)fluoranthene | 207-08-9 | 1 | 0.10 | ND | ug/L | U |
| Benzo(j)fluoranthene | 205-82-3 | 1 | 0.10 | ND | ug/L | U |
| Benzofluoranthenes, Total | | 1 | 0.30 | ND | ug/L | U |
| Benzo(a)pyrene | 50-32-8 | 1 | 0.10 | ND | ug/L | U |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 1 | 0.10 | ND | ug/L | U |
| Dibenzo(a,h)anthracene | 53-70-3 | 1 | 0.10 | ND | ug/L | U |
| Benzo(g,h,i)perylene | 191-24-2 | 1 | 0.10 | ND | ug/L | U |
| *Surrogate: 2-Methylnaphthalene-d10* | | | *31-120 %* | *51.3* | *%* | |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | | | *10-125 %* | *64.7* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-22S

**25C0282-03 (Water)**

### Volatile Organic Compounds

Method: EPA 8260D — Sampled: 03/11/2025 09:55

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 13:02

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-03 E

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Benzene | 71-43-2 | 1 | 0.20 | ND | ug/L | U |
| Toluene | 108-88-3 | 1 | 0.20 | ND | ug/L | U |
| Ethylbenzene | 100-41-4 | 1 | 0.20 | ND | ug/L | U |
| m,p-Xylene | 179601-23-1 | 1 | 0.40 | ND | ug/L | U |
| o-Xylene | 95-47-6 | 1 | 0.20 | ND | ug/L | U |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *80-129 %* | *97.1* | *%* | |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *97.7* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *97.2* | *%* | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | | | *80-120 %* | *99.6* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-22S

**25C0282-03 (Water)**

### Volatile Organic Compounds

Method: NWTPHg — Sampled: 03/11/2025 09:55

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 13:02

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-03 E

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Gasoline Range Organics (Tol-Nap) | GRO | 1 | 100 | ND | ug/L | U |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *97.7* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *97.2* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-22S

**25C0282-03 (Water)**

### Semivolatile Organic Compounds - SIM

Method: EPA 8270E-SIM — Sampled: 03/11/2025 09:55
Instrument: NT8 Analyst: JZ — Analyzed: 03/26/2025 18:11

Sample Preparation: Preparation Method: EPA 3520C (Liq Liq) — Extract ID: 25C0282-03 B 02
Preparation Batch: BNC0405 — Sample Size: 500 mL
Prepared: 03/18/2025 — Final Volume: 0.5 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Naphthalene | 91-20-3 | 5 | 0.50 | ND | ug/L | U |
| 2-Methylnaphthalene | 91-57-6 | 5 | 0.50 | ND | ug/L | U |
| 1-Methylnaphthalene | 90-12-0 | 5 | 0.50 | ND | ug/L | U |
| Acenaphthylene | 208-96-8 | 5 | 0.50 | ND | ug/L | U |
| Acenaphthene | 83-32-9 | 5 | 0.50 | ND | ug/L | U |
| Dibenzofuran | 132-64-9 | 5 | 0.50 | ND | ug/L | U |
| Fluorene | 86-73-7 | 5 | 0.50 | ND | ug/L | U |
| Phenanthrene | 85-01-8 | 5 | 0.50 | ND | ug/L | U |
| Anthracene | 120-12-7 | 5 | 0.50 | ND | ug/L | U |
| Fluoranthene | 206-44-0 | 5 | 0.50 | ND | ug/L | U |
| Pyrene | 129-00-0 | 5 | 0.50 | ND | ug/L | U |
| Benzo(a)anthracene | 56-55-3 | 5 | 0.50 | ND | ug/L | U |
| Chrysene | 218-01-9 | 5 | 0.50 | ND | ug/L | U |
| Benzo(b)fluoranthene | 205-99-2 | 5 | 0.50 | ND | ug/L | U |
| Benzo(k)fluoranthene | 207-08-9 | 5 | 0.50 | ND | ug/L | U |
| Benzo(j)fluoranthene | 205-82-3 | 5 | 0.50 | ND | ug/L | U |
| Benzofluoranthenes, Total | | 5 | 1.50 | ND | ug/L | U |
| Benzo(a)pyrene | 50-32-8 | 5 | 0.50 | ND | ug/L | U |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 5 | 0.50 | ND | ug/L | U |
| Dibenzo(a,h)anthracene | 53-70-3 | 5 | 0.50 | ND | ug/L | U |
| Benzo(g,h,i)perylene | 191-24-2 | 5 | 0.50 | ND | ug/L | U |
| *Surrogate: 2-Methylnaphthalene-d10* | | | *31-120 %* | *49.6* | *%* | |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | | | *10-125 %* | *43.4* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-22S

**25C0282-03 (Water)**

### Petroleum Hydrocarbons

Method: NWTPH-Dx — Sampled: 03/11/2025 09:55
Instrument: FID4 Analyst: VD — Analyzed: 04/03/2025 23:02

| | | | |
|---|---|---|---|
| Sample Preparation: | Preparation Method: EPA 3510C SepF | | Extract ID: 25C0282-03 A 01 |
| | Preparation Batch: BNC0404 | Sample Size: 500 mL | |
| | Prepared: 03/17/2025 | Final Volume: 1 mL | |
| Sample Cleanup: | Cleanup Method: Silica Gel | | Extract ID: 25C0282-03 A 01 |
| | Cleanup Batch: CNC0136 | Initial Volume: 1 uL | |
| | Cleaned: 29-Mar-2025 | Final Volume: 1 uL | |

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Diesel Range Organics (C12-C24) | DRO | 1 | 0.100 | ND | mg/L | U |
| Motor Oil Range Organics (C24-C38) | RRO | 1 | 0.200 | ND | mg/L | U |
| *Surrogate: o-Terphenyl* | | | *50-150 %* | *82.5* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-22S

**25C0282-03RE1 (Water)**

### Semivolatile Organic Compounds - SIM

Method: EPA 8270E-SIM — Sampled: 03/11/2025 09:55
Instrument: NT17 Analyst: RJL — Analyzed: 04/16/2025 18:42

Sample Preparation: Preparation Method: EPA 3520C (Liq Liq) — Extract ID: 25C0282-03RE1 C 01
Preparation Batch: BND0234 — Sample Size: 500 mL
Prepared: 04/10/2025 — Final Volume: 0.5 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Naphthalene | 91-20-3 | 1 | 0.10 | ND | ug/L | H, U |
| 2-Methylnaphthalene | 91-57-6 | 1 | 0.10 | ND | ug/L | H, U |
| 1-Methylnaphthalene | 90-12-0 | 1 | 0.10 | ND | ug/L | H, U |
| Acenaphthylene | 208-96-8 | 1 | 0.10 | ND | ug/L | H, U |
| Acenaphthene | 83-32-9 | 1 | 0.10 | ND | ug/L | H, U |
| Dibenzofuran | 132-64-9 | 1 | 0.10 | ND | ug/L | H, U |
| Fluorene | 86-73-7 | 1 | 0.10 | ND | ug/L | H, U |
| Phenanthrene | 85-01-8 | 1 | 0.10 | ND | ug/L | H, U |
| Anthracene | 120-12-7 | 1 | 0.10 | ND | ug/L | H, U |
| Fluoranthene | 206-44-0 | 1 | 0.10 | ND | ug/L | H, U |
| Pyrene | 129-00-0 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(a)anthracene | 56-55-3 | 1 | 0.10 | ND | ug/L | H, U |
| Chrysene | 218-01-9 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(b)fluoranthene | 205-99-2 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(k)fluoranthene | 207-08-9 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(j)fluoranthene | 205-82-3 | 1 | 0.10 | ND | ug/L | H, U |
| Benzofluoranthenes, Total | | 1 | 0.30 | ND | ug/L | H, U |
| Benzo(a)pyrene | 50-32-8 | 1 | 0.10 | ND | ug/L | H, U |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 1 | 0.10 | ND | ug/L | H, U |
| Dibenzo(a,h)anthracene | 53-70-3 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(g,h,i)perylene | 191-24-2 | 1 | 0.10 | ND | ug/L | H, U |
| *Surrogate: 2-Methylnaphthalene-d10* | | | *31-120 %* | *37.0* | *%* | H |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | | | *10-125 %* | *38.3* | *%* | H |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-9S

**25C0282-04 (Water)**

### Volatile Organic Compounds

Method: EPA 8260D — Sampled: 03/11/2025 13:45
Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 13:24

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-04 E
Preparation Batch: BNC0416 — Sample Size: 10 mL
Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Benzene | 71-43-2 | 1 | 0.20 | ND | ug/L | U |
| Toluene | 108-88-3 | 1 | 0.20 | ND | ug/L | U |
| Ethylbenzene | 100-41-4 | 1 | 0.20 | ND | ug/L | U |
| m,p-Xylene | 179601-23-1 | 1 | 0.40 | ND | ug/L | U |
| o-Xylene | 95-47-6 | 1 | 0.20 | ND | ug/L | U |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *80-129 %* | *95.1* | *%* | |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *99.4* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *92.7* | *%* | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | | | *80-120 %* | *99.0* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-9S

**25C0282-04 (Water)**

### Volatile Organic Compounds

Method: NWTPHg — Sampled: 03/11/2025 13:45

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 13:24

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-04 E

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Gasoline Range Organics (Tol-Nap) | GRO | 1 | 100 | ND | ug/L | U |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *99.4* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *92.7* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-9S

**25C0282-04 (Water)**

### Petroleum Hydrocarbons

Method: NWTPH-Dx — Sampled: 03/11/2025 13:45
Instrument: FID4 Analyst: VD — Analyzed: 04/03/2025 23:22

| | | | |
|---|---|---|---|
| Sample Preparation: | Preparation Method: EPA 3510C SepF | | Extract ID: 25C0282-04 A 01 |
| | Preparation Batch: BNC0404 | Sample Size: 500 mL | |
| | Prepared: 03/17/2025 | Final Volume: 1 mL | |
| Sample Cleanup: | Cleanup Method: Silica Gel | | Extract ID: 25C0282-04 A 01 |
| | Cleanup Batch: CNC0136 | Initial Volume: 1 uL | |
| | Cleaned: 29-Mar-2025 | Final Volume: 1 uL | |

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Diesel Range Organics (C12-C24) | DRO | 1 | 0.100 | ND | mg/L | U |
| Motor Oil Range Organics (C24-C38) | RRO | 1 | 0.200 | ND | mg/L | U |
| *Surrogate: o-Terphenyl* | | | *50-150 %* | *86.1* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-9S

**25C0282-04RE2 (Water)**

### Semivolatile Organic Compounds - SIM

Method: EPA 8270E-SIM — Sampled: 03/11/2025 13:45
Instrument: NT17 Analyst: RJL — Analyzed: 04/23/2025 16:56

Sample Preparation: Preparation Method: EPA 3520C (Liq Liq) — Extract ID: 25C0282-04RE2 B 02
Preparation Batch: BNC0405 — Sample Size: 500 mL
Prepared: 03/18/2025 — Final Volume: 0.5 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Naphthalene | 91-20-3 | 1 | 0.10 | ND | ug/L | U |
| 2-Methylnaphthalene | 91-57-6 | 1 | 0.10 | ND | ug/L | U |
| 1-Methylnaphthalene | 90-12-0 | 1 | 0.10 | ND | ug/L | U |
| Acenaphthylene | 208-96-8 | 1 | 0.10 | ND | ug/L | U |
| Acenaphthene | 83-32-9 | 1 | 0.10 | ND | ug/L | U |
| Dibenzofuran | 132-64-9 | 1 | 0.10 | ND | ug/L | U |
| Fluorene | 86-73-7 | 1 | 0.10 | ND | ug/L | U |
| Phenanthrene | 85-01-8 | 1 | 0.10 | ND | ug/L | U |
| Anthracene | 120-12-7 | 1 | 0.10 | ND | ug/L | U |
| Fluoranthene | 206-44-0 | 1 | 0.10 | ND | ug/L | U |
| Pyrene | 129-00-0 | 1 | 0.10 | ND | ug/L | U |
| Benzo(a)anthracene | 56-55-3 | 1 | 0.10 | ND | ug/L | U |
| Chrysene | 218-01-9 | 1 | 0.10 | ND | ug/L | U |
| Benzo(b)fluoranthene | 205-99-2 | 1 | 0.10 | ND | ug/L | U |
| Benzo(k)fluoranthene | 207-08-9 | 1 | 0.10 | ND | ug/L | U |
| Benzo(j)fluoranthene | 205-82-3 | 1 | 0.10 | ND | ug/L | U |
| Benzofluoranthenes, Total | | 1 | 0.30 | ND | ug/L | U |
| Benzo(a)pyrene | 50-32-8 | 1 | 0.10 | ND | ug/L | U |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 1 | 0.10 | ND | ug/L | U |
| Dibenzo(a,h)anthracene | 53-70-3 | 1 | 0.10 | ND | ug/L | U |
| Benzo(g,h,i)perylene | 191-24-2 | 1 | 0.10 | ND | ug/L | U |
| *Surrogate: 2-Methylnaphthalene-d10* | | | *31-120 %* | *68.6* | *%* | |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | | | *10-125 %* | *86.8* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-9D

**25C0282-05 (Water)**

### Volatile Organic Compounds

Method: EPA 8260D — Sampled: 03/11/2025 16:10

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 13:46

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-05 E

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Benzene | 71-43-2 | 1 | 0.20 | ND | ug/L | U |
| Toluene | 108-88-3 | 1 | 0.20 | ND | ug/L | U |
| Ethylbenzene | 100-41-4 | 1 | 0.20 | ND | ug/L | U |
| m,p-Xylene | 179601-23-1 | 1 | 0.40 | ND | ug/L | U |
| o-Xylene | 95-47-6 | 1 | 0.20 | ND | ug/L | U |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *80-129 %* | *95.6* | *%* | |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *97.9* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *97.3* | *%* | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | | | *80-120 %* | *98.6* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-9D

**25C0282-05 (Water)**

### Volatile Organic Compounds

Method: NWTPHg — Sampled: 03/11/2025 16:10

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 13:46

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-05 E

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Gasoline Range Organics (Tol-Nap) | GRO | 1 | 100 | ND | ug/L | U |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *97.9* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *97.3* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-9D

**25C0282-05 (Water)**

### Petroleum Hydrocarbons

Method: NWTPH-Dx — Sampled: 03/11/2025 16:10
Instrument: FID4 Analyst: VD — Analyzed: 04/03/2025 23:42

| | | | |
|---|---|---|---|
| Sample Preparation: | Preparation Method: EPA 3510C SepF | | Extract ID: 25C0282-05 A 01 |
| | Preparation Batch: BNC0404 | Sample Size: 500 mL | |
| | Prepared: 03/17/2025 | Final Volume: 1 mL | |
| Sample Cleanup: | Cleanup Method: Silica Gel | | Extract ID: 25C0282-05 A 01 |
| | Cleanup Batch: CNC0136 | Initial Volume: 1 uL | |
| | Cleaned: 29-Mar-2025 | Final Volume: 1 uL | |

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Diesel Range Organics (C12-C24) | DRO | 1 | 0.100 | ND | mg/L | U |
| Motor Oil Range Organics (C24-C38) | RRO | 1 | 0.200 | ND | mg/L | U |
| *Surrogate: o-Terphenyl* | | | *50-150 %* | *84.7* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-9D

**25C0282-05RE2 (Water)**

### Semivolatile Organic Compounds - SIM

Method: EPA 8270E-SIM — Sampled: 03/11/2025 16:10
Instrument: NT17 Analyst: RJL — Analyzed: 04/23/2025 17:27

Sample Preparation: Preparation Method: EPA 3520C (Liq Liq) — Extract ID: 25C0282-05RE2 B 02
Preparation Batch: BNC0405 — Sample Size: 500 mL
Prepared: 03/18/2025 — Final Volume: 0.5 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Naphthalene | 91-20-3 | 1 | 0.10 | ND | ug/L | U |
| 2-Methylnaphthalene | 91-57-6 | 1 | 0.10 | ND | ug/L | U |
| 1-Methylnaphthalene | 90-12-0 | 1 | 0.10 | ND | ug/L | U |
| Acenaphthylene | 208-96-8 | 1 | 0.10 | ND | ug/L | U |
| Acenaphthene | 83-32-9 | 1 | 0.10 | ND | ug/L | U |
| Dibenzofuran | 132-64-9 | 1 | 0.10 | ND | ug/L | U |
| Fluorene | 86-73-7 | 1 | 0.10 | ND | ug/L | U |
| Phenanthrene | 85-01-8 | 1 | 0.10 | ND | ug/L | U |
| Anthracene | 120-12-7 | 1 | 0.10 | ND | ug/L | U |
| Fluoranthene | 206-44-0 | 1 | 0.10 | ND | ug/L | U |
| Pyrene | 129-00-0 | 1 | 0.10 | ND | ug/L | U |
| Benzo(a)anthracene | 56-55-3 | 1 | 0.10 | ND | ug/L | U |
| Chrysene | 218-01-9 | 1 | 0.10 | ND | ug/L | U |
| Benzo(b)fluoranthene | 205-99-2 | 1 | 0.10 | ND | ug/L | U |
| Benzo(k)fluoranthene | 207-08-9 | 1 | 0.10 | ND | ug/L | U |
| Benzo(j)fluoranthene | 205-82-3 | 1 | 0.10 | ND | ug/L | U |
| Benzofluoranthenes, Total | | 1 | 0.30 | ND | ug/L | U |
| Benzo(a)pyrene | 50-32-8 | 1 | 0.10 | ND | ug/L | U |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 1 | 0.10 | ND | ug/L | U |
| Dibenzo(a,h)anthracene | 53-70-3 | 1 | 0.10 | ND | ug/L | U |
| Benzo(g,h,i)perylene | 191-24-2 | 1 | 0.10 | ND | ug/L | U |
| *Surrogate: 2-Methylnaphthalene-d10* | | | *31-120 %* | *47.1* | *%* | |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | | | *10-125 %* | *43.3* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-13S

**25C0282-06 (Water)**

### Volatile Organic Compounds

Method: EPA 8260D — Sampled: 03/12/2025 10:15

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 14:08

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-06 E

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Benzene | 71-43-2 | 1 | 0.20 | ND | ug/L | U |
| Toluene | 108-88-3 | 1 | 0.20 | ND | ug/L | U |
| Ethylbenzene | 100-41-4 | 1 | 0.20 | ND | ug/L | U |
| m,p-Xylene | 179601-23-1 | 1 | 0.40 | ND | ug/L | U |
| o-Xylene | 95-47-6 | 1 | 0.20 | ND | ug/L | U |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *80-129 %* | *96.5* | *%* | |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *96.9* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *94.1* | *%* | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | | | *80-120 %* | *97.8* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-13S

**25C0282-06 (Water)**

### Volatile Organic Compounds

Method: NWTPHg — Sampled: 03/12/2025 10:15

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 14:08

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-06 E

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Gasoline Range Organics (Tol-Nap) | GRO | 1 | 100 | ND | ug/L | U |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *96.9* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *94.1* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-13S

**25C0282-06 (Water)**

### Petroleum Hydrocarbons

Method: NWTPH-Dx — Sampled: 03/12/2025 10:15
Instrument: FID4 Analyst: VD — Analyzed: 04/03/2025 00:02

| | | | |
|---|---|---|---|
| Sample Preparation: | Preparation Method: EPA 3510C SepF | | Extract ID: 25C0282-06 A 01 |
| | Preparation Batch: BNC0404 | Sample Size: 500 mL | |
| | Prepared: 03/17/2025 | Final Volume: 1 mL | |
| Sample Cleanup: | Cleanup Method: Silica Gel | | Extract ID: 25C0282-06 A 01 |
| | Cleanup Batch: CNC0136 | Initial Volume: 1 uL | |
| | Cleaned: 29-Mar-2025 | Final Volume: 1 uL | |

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Diesel Range Organics (C12-C24) | DRO | 1 | 0.100 | ND | mg/L | U |
| Motor Oil Range Organics (C24-C38) | RRO | 1 | 0.200 | ND | mg/L | U |
| *Surrogate: o-Terphenyl* | | | *50-150 %* | *88.8* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-13S

**25C0282-06RE2 (Water)**

### Semivolatile Organic Compounds - SIM

Method: EPA 8270E-SIM — Sampled: 03/12/2025 10:15
Instrument: NT17 Analyst: RJL — Analyzed: 04/23/2025 17:58

Sample Preparation: Preparation Method: EPA 3520C (Liq Liq) — Extract ID: 25C0282-06RE2 B 02
Preparation Batch: BNC0405 — Sample Size: 500 mL
Prepared: 03/18/2025 — Final Volume: 0.5 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Naphthalene | 91-20-3 | 1 | 0.10 | ND | ug/L | U |
| 2-Methylnaphthalene | 91-57-6 | 1 | 0.10 | ND | ug/L | U |
| 1-Methylnaphthalene | 90-12-0 | 1 | 0.10 | ND | ug/L | U |
| Acenaphthylene | 208-96-8 | 1 | 0.10 | ND | ug/L | U |
| Acenaphthene | 83-32-9 | 1 | 0.10 | ND | ug/L | U |
| Dibenzofuran | 132-64-9 | 1 | 0.10 | ND | ug/L | U |
| Fluorene | 86-73-7 | 1 | 0.10 | ND | ug/L | U |
| Phenanthrene | 85-01-8 | 1 | 0.10 | ND | ug/L | U |
| Anthracene | 120-12-7 | 1 | 0.10 | ND | ug/L | U |
| Fluoranthene | 206-44-0 | 1 | 0.10 | ND | ug/L | U |
| Pyrene | 129-00-0 | 1 | 0.10 | ND | ug/L | U |
| Benzo(a)anthracene | 56-55-3 | 1 | 0.10 | ND | ug/L | U |
| Chrysene | 218-01-9 | 1 | 0.10 | ND | ug/L | U |
| Benzo(b)fluoranthene | 205-99-2 | 1 | 0.10 | ND | ug/L | U |
| Benzo(k)fluoranthene | 207-08-9 | 1 | 0.10 | ND | ug/L | U |
| Benzo(j)fluoranthene | 205-82-3 | 1 | 0.10 | ND | ug/L | U |
| Benzofluoranthenes, Total | | 1 | 0.30 | ND | ug/L | U |
| Benzo(a)pyrene | 50-32-8 | 1 | 0.10 | ND | ug/L | U |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 1 | 0.10 | ND | ug/L | U |
| Dibenzo(a,h)anthracene | 53-70-3 | 1 | 0.10 | ND | ug/L | U |
| Benzo(g,h,i)perylene | 191-24-2 | 1 | 0.10 | ND | ug/L | U |
| *Surrogate: 2-Methylnaphthalene-d10* | | | *31-120 %* | *43.2* | *%* | |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | | | *10-125 %* | *50.7* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-13D

**25C0282-07 (Water)**

### Volatile Organic Compounds

Method: EPA 8260D — Sampled: 03/12/2025 12:30

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 14:30

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-07 E

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Benzene | 71-43-2 | 1 | 0.20 | ND | ug/L | U |
| Toluene | 108-88-3 | 1 | 0.20 | ND | ug/L | U |
| Ethylbenzene | 100-41-4 | 1 | 0.20 | ND | ug/L | U |
| m,p-Xylene | 179601-23-1 | 1 | 0.40 | ND | ug/L | U |
| o-Xylene | 95-47-6 | 1 | 0.20 | ND | ug/L | U |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *80-129 %* | *96.6* | *%* | |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *97.0* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *94.3* | *%* | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | | | *80-120 %* | *99.8* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-13D

**25C0282-07 (Water)**

### Volatile Organic Compounds

Method: NWTPHg — Sampled: 03/12/2025 12:30

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 14:30

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-07 E

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Gasoline Range Organics (Tol-Nap) | GRO | 1 | 100 | ND | ug/L | U |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *97.0* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *94.3* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-13D

**25C0282-07 (Water)**

### Semivolatile Organic Compounds - SIM

Method: EPA 8270E-SIM — Sampled: 03/12/2025 12:30
Instrument: NT8 Analyst: JZ — Analyzed: 03/26/2025 20:17

Sample Preparation: Preparation Method: EPA 3520C (Liq Liq) — Extract ID: 25C0282-07 B 02
Preparation Batch: BNC0405 — Sample Size: 500 mL
Prepared: 03/18/2025 — Final Volume: 0.5 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Naphthalene | 91-20-3 | 5 | 0.50 | ND | ug/L | U |
| 2-Methylnaphthalene | 91-57-6 | 5 | 0.50 | ND | ug/L | U |
| 1-Methylnaphthalene | 90-12-0 | 5 | 0.50 | ND | ug/L | U |
| Acenaphthylene | 208-96-8 | 5 | 0.50 | ND | ug/L | U |
| Acenaphthene | 83-32-9 | 5 | 0.50 | ND | ug/L | U |
| Dibenzofuran | 132-64-9 | 5 | 0.50 | ND | ug/L | U |
| Fluorene | 86-73-7 | 5 | 0.50 | ND | ug/L | U |
| Phenanthrene | 85-01-8 | 5 | 0.50 | ND | ug/L | U |
| Anthracene | 120-12-7 | 5 | 0.50 | ND | ug/L | U |
| Fluoranthene | 206-44-0 | 5 | 0.50 | ND | ug/L | U |
| Pyrene | 129-00-0 | 5 | 0.50 | ND | ug/L | U |
| Benzo(a)anthracene | 56-55-3 | 5 | 0.50 | ND | ug/L | U |
| Chrysene | 218-01-9 | 5 | 0.50 | ND | ug/L | U |
| Benzo(b)fluoranthene | 205-99-2 | 5 | 0.50 | ND | ug/L | U |
| Benzo(k)fluoranthene | 207-08-9 | 5 | 0.50 | ND | ug/L | U |
| Benzo(j)fluoranthene | 205-82-3 | 5 | 0.50 | ND | ug/L | U |
| Benzofluoranthenes, Total | | 5 | 1.50 | ND | ug/L | U |
| Benzo(a)pyrene | 50-32-8 | 5 | 0.50 | ND | ug/L | U |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 5 | 0.50 | ND | ug/L | U |
| Dibenzo(a,h)anthracene | 53-70-3 | 5 | 0.50 | ND | ug/L | U |
| Benzo(g,h,i)perylene | 191-24-2 | 5 | 0.50 | ND | ug/L | U |
| *Surrogate: 2-Methylnaphthalene-d10* | | | *31-120 %* | *37.7* | *%* | |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | | | *10-125 %* | *28.2* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-13D

**25C0282-07 (Water)**

### Petroleum Hydrocarbons

Method: NWTPH-Dx — Sampled: 03/12/2025 12:30
Instrument: FID4 Analyst: VD — Analyzed: 04/03/2025 00:22

| | | | |
|---|---|---|---|
| Sample Preparation: | Preparation Method: EPA 3510C SepF | | Extract ID: 25C0282-07 A 01 |
| | Preparation Batch: BNC0404 | Sample Size: 500 mL | |
| | Prepared: 03/17/2025 | Final Volume: 1 mL | |
| Sample Cleanup: | Cleanup Method: Silica Gel | | Extract ID: 25C0282-07 A 01 |
| | Cleanup Batch: CNC0136 | Initial Volume: 1 uL | |
| | Cleaned: 29-Mar-2025 | Final Volume: 1 uL | |

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Diesel Range Organics (C12-C24) | DRO | 1 | 0.100 | ND | mg/L | U |
| Motor Oil Range Organics (C24-C38) | RRO | 1 | 0.200 | ND | mg/L | U |
| *Surrogate: o-Terphenyl* | | | *50-150 %* | *87.6* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-13D

**25C0282-07RE1 (Water)**

### Semivolatile Organic Compounds - SIM

Method: EPA 8270E-SIM — Sampled: 03/12/2025 12:30
Instrument: NT17 Analyst: RJL — Analyzed: 04/16/2025 20:45

Sample Preparation: Preparation Method: EPA 3520C (Liq Liq) — Extract ID: 25C0282-07RE1 C 01
Preparation Batch: BND0234 — Sample Size: 500 mL
Prepared: 04/10/2025 — Final Volume: 0.5 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Naphthalene | 91-20-3 | 1 | 0.10 | ND | ug/L | H, U |
| 2-Methylnaphthalene | 91-57-6 | 1 | 0.10 | ND | ug/L | H, U |
| 1-Methylnaphthalene | 90-12-0 | 1 | 0.10 | ND | ug/L | H, U |
| Acenaphthylene | 208-96-8 | 1 | 0.10 | ND | ug/L | H, U |
| Acenaphthene | 83-32-9 | 1 | 0.10 | ND | ug/L | H, U |
| Dibenzofuran | 132-64-9 | 1 | 0.10 | ND | ug/L | H, U |
| Fluorene | 86-73-7 | 1 | 0.10 | ND | ug/L | H, U |
| Phenanthrene | 85-01-8 | 1 | 0.10 | ND | ug/L | H, U |
| Anthracene | 120-12-7 | 1 | 0.10 | ND | ug/L | H, U |
| Fluoranthene | 206-44-0 | 1 | 0.10 | ND | ug/L | H, U |
| Pyrene | 129-00-0 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(a)anthracene | 56-55-3 | 1 | 0.10 | ND | ug/L | H, U |
| Chrysene | 218-01-9 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(b)fluoranthene | 205-99-2 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(k)fluoranthene | 207-08-9 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(j)fluoranthene | 205-82-3 | 1 | 0.10 | ND | ug/L | H, U |
| Benzofluoranthenes, Total | | 1 | 0.30 | ND | ug/L | H, U |
| Benzo(a)pyrene | 50-32-8 | 1 | 0.10 | ND | ug/L | H, U |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 1 | 0.10 | ND | ug/L | H, U |
| Dibenzo(a,h)anthracene | 53-70-3 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(g,h,i)perylene | 191-24-2 | 1 | 0.10 | ND | ug/L | H, U |
| *Surrogate: 2-Methylnaphthalene-d10* | | | *31-120 %* | *33.7* | *%* | H |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | | | *10-125 %* | *39.5* | *%* | H |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-14S

**25C0282-08 (Water)**

### Volatile Organic Compounds

Method: EPA 8260D — Sampled: 03/11/2025 15:25

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 14:53

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-08 E

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Benzene | 71-43-2 | 1 | 0.20 | ND | ug/L | U |
| Toluene | 108-88-3 | 1 | 0.20 | ND | ug/L | U |
| Ethylbenzene | 100-41-4 | 1 | 0.20 | ND | ug/L | U |
| m,p-Xylene | 179601-23-1 | 1 | 0.40 | ND | ug/L | U |
| o-Xylene | 95-47-6 | 1 | 0.20 | ND | ug/L | U |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *80-129 %* | *96.1* | *%* | |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *98.5* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *98.6* | *%* | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | | | *80-120 %* | *100* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-14S

**25C0282-08 (Water)**

### Volatile Organic Compounds

Method: NWTPHg — Sampled: 03/11/2025 15:25
Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 14:53

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-08 E
Preparation Batch: BNC0416 — Sample Size: 10 mL
Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Gasoline Range Organics (Tol-Nap) | GRO | 1 | 100 | ND | ug/L | U |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *98.5* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *98.6* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-14S

**25C0282-08 (Water)**

### Petroleum Hydrocarbons

Method: NWTPH-Dx — Sampled: 03/11/2025 15:25
Instrument: FID4 Analyst: VD — Analyzed: 04/03/2025 00:42

Sample Preparation: Preparation Method: EPA 3510C SepF; Preparation Batch: BNC0404; Prepared: 03/17/2025; Sample Size: 500 mL; Final Volume: 1 mL — Extract ID: 25C0282-08 A 01

Sample Cleanup: Cleanup Method: Silica Gel; Cleanup Batch: CNC0136; Cleaned: 29-Mar-2025; Initial Volume: 1 uL; Final Volume: 1 uL — Extract ID: 25C0282-08 A 01

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Diesel Range Organics (C12-C24) | DRO | 1 | 0.100 | ND | mg/L | U |
| Motor Oil Range Organics (C24-C38) | RRO | 1 | 0.200 | ND | mg/L | U |
| *Surrogate: o-Terphenyl* | | | *50-150 %* | *50.0* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-14S

**25C0282-08RE2 (Water)**

### Semivolatile Organic Compounds - SIM

Method: EPA 8270E-SIM — Sampled: 03/11/2025 15:25
Instrument: NT17 Analyst: RJL — Analyzed: 04/23/2025 18:59

Sample Preparation: Preparation Method: EPA 3520C (Liq Liq) — Extract ID: 25C0282-08RE2 B 02
Preparation Batch: BNC0405 — Sample Size: 500 mL
Prepared: 03/18/2025 — Final Volume: 0.5 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Naphthalene | 91-20-3 | 1 | 0.10 | ND | ug/L | U |
| 2-Methylnaphthalene | 91-57-6 | 1 | 0.10 | ND | ug/L | U |
| 1-Methylnaphthalene | 90-12-0 | 1 | 0.10 | ND | ug/L | U |
| Acenaphthylene | 208-96-8 | 1 | 0.10 | ND | ug/L | U |
| Acenaphthene | 83-32-9 | 1 | 0.10 | ND | ug/L | U |
| Dibenzofuran | 132-64-9 | 1 | 0.10 | ND | ug/L | U |
| Fluorene | 86-73-7 | 1 | 0.10 | ND | ug/L | U |
| Phenanthrene | 85-01-8 | 1 | 0.10 | ND | ug/L | U |
| Anthracene | 120-12-7 | 1 | 0.10 | ND | ug/L | U |
| Fluoranthene | 206-44-0 | 1 | 0.10 | ND | ug/L | U |
| Pyrene | 129-00-0 | 1 | 0.10 | ND | ug/L | U |
| Benzo(a)anthracene | 56-55-3 | 1 | 0.10 | ND | ug/L | U |
| Chrysene | 218-01-9 | 1 | 0.10 | ND | ug/L | U |
| Benzo(b)fluoranthene | 205-99-2 | 1 | 0.10 | ND | ug/L | U |
| Benzo(k)fluoranthene | 207-08-9 | 1 | 0.10 | ND | ug/L | U |
| Benzo(j)fluoranthene | 205-82-3 | 1 | 0.10 | ND | ug/L | U |
| Benzofluoranthenes, Total | | 1 | 0.30 | ND | ug/L | U |
| Benzo(a)pyrene | 50-32-8 | 1 | 0.10 | ND | ug/L | U |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 1 | 0.10 | ND | ug/L | U |
| Dibenzo(a,h)anthracene | 53-70-3 | 1 | 0.10 | ND | ug/L | U |
| Benzo(g,h,i)perylene | 191-24-2 | 1 | 0.10 | ND | ug/L | U |
| *Surrogate: 2-Methylnaphthalene-d10* | | | *31-120 %* | *35.6* | *%* | |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | | | *10-125 %* | *49.4* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-14D

**25C0282-09 (Water)**

### Volatile Organic Compounds

Method: EPA 8260D — Sampled: 03/12/2025 13:10

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 15:15

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-09 E

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Benzene | 71-43-2 | 1 | 0.20 | ND | ug/L | U |
| Toluene | 108-88-3 | 1 | 0.20 | ND | ug/L | U |
| Ethylbenzene | 100-41-4 | 1 | 0.20 | ND | ug/L | U |
| m,p-Xylene | 179601-23-1 | 1 | 0.40 | ND | ug/L | U |
| o-Xylene | 95-47-6 | 1 | 0.20 | ND | ug/L | U |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *80-129 %* | *95.0* | *%* | |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *95.9* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *93.8* | *%* | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | | | *80-120 %* | *101* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-14D

**25C0282-09 (Water)**

### Volatile Organic Compounds

Method: NWTPHg — Sampled: 03/12/2025 13:10

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 15:15

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-09 E

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Gasoline Range Organics (Tol-Nap) | GRO | 1 | 100 | ND | ug/L | U |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *95.9* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *93.8* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-14D

**25C0282-09 (Water)**

### Semivolatile Organic Compounds - SIM

Method: EPA 8270E-SIM — Sampled: 03/12/2025 13:10
Instrument: NT8 Analyst: JZ — Analyzed: 03/26/2025 21:20

Sample Preparation: Preparation Method: EPA 3520C (Liq Liq) — Extract ID: 25C0282-09 B 02
Preparation Batch: BNC0405 — Sample Size: 500 mL
Prepared: 03/18/2025 — Final Volume: 0.5 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Naphthalene | 91-20-3 | 5 | 0.50 | ND | ug/L | U |
| 2-Methylnaphthalene | 91-57-6 | 5 | 0.50 | ND | ug/L | U |
| 1-Methylnaphthalene | 90-12-0 | 5 | 0.50 | ND | ug/L | U |
| Acenaphthylene | 208-96-8 | 5 | 0.50 | ND | ug/L | U |
| Acenaphthene | 83-32-9 | 5 | 0.50 | ND | ug/L | U |
| Dibenzofuran | 132-64-9 | 5 | 0.50 | ND | ug/L | U |
| Fluorene | 86-73-7 | 5 | 0.50 | ND | ug/L | U |
| Phenanthrene | 85-01-8 | 5 | 0.50 | ND | ug/L | U |
| Anthracene | 120-12-7 | 5 | 0.50 | ND | ug/L | U |
| Fluoranthene | 206-44-0 | 5 | 0.50 | ND | ug/L | U |
| Pyrene | 129-00-0 | 5 | 0.50 | ND | ug/L | U |
| Benzo(a)anthracene | 56-55-3 | 5 | 0.50 | ND | ug/L | U |
| Chrysene | 218-01-9 | 5 | 0.50 | ND | ug/L | U |
| Benzo(b)fluoranthene | 205-99-2 | 5 | 0.50 | ND | ug/L | U |
| Benzo(k)fluoranthene | 207-08-9 | 5 | 0.50 | ND | ug/L | U |
| Benzo(j)fluoranthene | 205-82-3 | 5 | 0.50 | ND | ug/L | U |
| Benzofluoranthenes, Total | | 5 | 1.50 | ND | ug/L | U |
| Benzo(a)pyrene | 50-32-8 | 5 | 0.50 | ND | ug/L | U |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 5 | 0.50 | ND | ug/L | U |
| Dibenzo(a,h)anthracene | 53-70-3 | 5 | 0.50 | ND | ug/L | U |
| Benzo(g,h,i)perylene | 191-24-2 | 5 | 0.50 | ND | ug/L | U |
| *Surrogate: 2-Methylnaphthalene-d10* | | | *31-120 %* | *42.2* | *%* | |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | | | *10-125 %* | *36.5* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-14D

**25C0282-09 (Water)**

### Petroleum Hydrocarbons

Method: NWTPH-Dx — Sampled: 03/12/2025 13:10
Instrument: FID4 Analyst: VD — Analyzed: 04/03/2025 01:02

| | | | |
|---|---|---|---|
| Sample Preparation: | Preparation Method: EPA 3510C SepF | | Extract ID: 25C0282-09 A 01 |
| | Preparation Batch: BNC0404 | Sample Size: 500 mL | |
| | Prepared: 03/17/2025 | Final Volume: 1 mL | |
| Sample Cleanup: | Cleanup Method: Silica Gel | | Extract ID: 25C0282-09 A 01 |
| | Cleanup Batch: CNC0136 | Initial Volume: 1 uL | |
| | Cleaned: 29-Mar-2025 | Final Volume: 1 uL | |

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Diesel Range Organics (C12-C24) | DRO | 1 | 0.100 | ND | mg/L | U |
| Motor Oil Range Organics (C24-C38) | RRO | 1 | 0.200 | ND | mg/L | U |
| *Surrogate: o-Terphenyl* | | | *50-150 %* | *86.5* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## MW-14D

**25C0282-09RE1 (Water)**

### Semivolatile Organic Compounds - SIM

Method: EPA 8270E-SIM — Sampled: 03/12/2025 13:10

Instrument: NT17 Analyst: RJL — Analyzed: 04/16/2025 21:47

Sample Preparation: Preparation Method: EPA 3520C (Liq Liq) — Extract ID: 25C0282-09RE1 C 01

Preparation Batch: BND0234 — Sample Size: 500 mL

Prepared: 04/10/2025 — Final Volume: 0.5 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Naphthalene | 91-20-3 | 1 | 0.10 | ND | ug/L | H, U |
| 2-Methylnaphthalene | 91-57-6 | 1 | 0.10 | ND | ug/L | H, U |
| 1-Methylnaphthalene | 90-12-0 | 1 | 0.10 | ND | ug/L | H, U |
| Acenaphthylene | 208-96-8 | 1 | 0.10 | ND | ug/L | H, U |
| Acenaphthene | 83-32-9 | 1 | 0.10 | ND | ug/L | H, U |
| Dibenzofuran | 132-64-9 | 1 | 0.10 | ND | ug/L | H, U |
| Fluorene | 86-73-7 | 1 | 0.10 | ND | ug/L | H, U |
| Phenanthrene | 85-01-8 | 1 | 0.10 | ND | ug/L | H, U |
| Anthracene | 120-12-7 | 1 | 0.10 | ND | ug/L | H, U |
| Fluoranthene | 206-44-0 | 1 | 0.10 | ND | ug/L | H, U |
| Pyrene | 129-00-0 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(a)anthracene | 56-55-3 | 1 | 0.10 | ND | ug/L | H, U |
| Chrysene | 218-01-9 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(b)fluoranthene | 205-99-2 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(k)fluoranthene | 207-08-9 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(j)fluoranthene | 205-82-3 | 1 | 0.10 | ND | ug/L | H, U |
| Benzofluoranthenes, Total | | 1 | 0.30 | ND | ug/L | H, U |
| Benzo(a)pyrene | 50-32-8 | 1 | 0.10 | ND | ug/L | H, U |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 1 | 0.10 | ND | ug/L | H, U |
| Dibenzo(a,h)anthracene | 53-70-3 | 1 | 0.10 | ND | ug/L | H, U |
| Benzo(g,h,i)perylene | 191-24-2 | 1 | 0.10 | ND | ug/L | H, U |
| *Surrogate: 2-Methylnaphthalene-d10* | | | *31-120 %* | *45.7* | *%* | H |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | | | *10-125 %* | *36.9* | *%* | H |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## Trip Blank

**25C0282-10 (Water)**

### Volatile Organic Compounds

Method: EPA 8260D — Sampled: 03/11/2025 09:50

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 11:55

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-10 A

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Benzene | 71-43-2 | 1 | 0.20 | ND | ug/L | U |
| Toluene | 108-88-3 | 1 | 0.20 | ND | ug/L | U |
| Ethylbenzene | 100-41-4 | 1 | 0.20 | ND | ug/L | U |
| m,p-Xylene | 179601-23-1 | 1 | 0.40 | ND | ug/L | U |
| o-Xylene | 95-47-6 | 1 | 0.20 | ND | ug/L | U |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *80-129 %* | *96.6* | *%* | |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *97.7* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *98.5* | *%* | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | | | *80-120 %* | *102* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## Trip Blank

**25C0282-10 (Water)**

### Volatile Organic Compounds

Method: NWTPHg — Sampled: 03/11/2025 09:50

Instrument: NT3 Analyst: LN — Analyzed: 03/17/2025 11:55

Sample Preparation: Preparation Method: EPA 5030C (Purge and Trap) — Extract ID: 25C0282-10 A

Preparation Batch: BNC0416 — Sample Size: 10 mL

Prepared: 03/17/2025 — Final Volume: 10 mL

| Analyte | CAS Number | Dilution | Reporting Limit | Result | Units | Notes |
|---|---|---|---|---|---|---|
| Gasoline Range Organics (Tol-Nap) | GRO | 1 | 100 | ND | ug/L | U |
| *Surrogate: Toluene-d8* | | | *80-120 %* | *97.7* | *%* | |
| *Surrogate: 4-Bromofluorobenzene* | | | *80-120 %* | *98.5* | *%* | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

**Analysis by: Analytical Resources, LLC**

## Volatile Organic Compounds - Quality Control

### Batch BNC0416 - EPA 8260D in Water

Instrument: NT3 Analyst: LN

| QC Sample/Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Blank (BNC0416-BLK2)** | | | | Prepared: 17-Mar-2025 Analyzed: 17-Mar-2025 10:41 | | | | | | |
| Benzene | ND | 0.20 | ug/L | | | | | | | U |
| Toluene | ND | 0.20 | ug/L | | | | | | | U |
| Ethylbenzene | ND | 0.20 | ug/L | | | | | | | U |
| m,p-Xylene | ND | 0.40 | ug/L | | | | | | | U |
| o-Xylene | ND | 0.20 | ug/L | | | | | | | U |
| *Surrogate: 1,2-Dichloroethane-d4* | 4.66 | | ug/L | *5.00* | | *93.2* | *80-129* | | | |
| *Surrogate: Toluene-d8* | 4.91 | | ug/L | *5.00* | | *98.3* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | 4.76 | | ug/L | *5.00* | | *95.2* | *80-120* | | | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | 5.09 | | ug/L | *5.00* | | *102* | *80-120* | | | |
| **LCS (BNC0416-BS2)** | | | | Prepared: 17-Mar-2025 Analyzed: 17-Mar-2025 09:14 | | | | | | |
| Benzene | 9.78 | 0.20 | ug/L | 10.0 | | 97.8 | 80-120 | | | |
| Toluene | 9.69 | 0.20 | ug/L | 10.0 | | 96.9 | 80-120 | | | |
| Ethylbenzene | 9.90 | 0.20 | ug/L | 10.0 | | 99.0 | 80-120 | | | |
| m,p-Xylene | 19.9 | 0.40 | ug/L | 20.0 | | 99.3 | 80-121 | | | |
| o-Xylene | 10.1 | 0.20 | ug/L | 10.0 | | 101 | 80-121 | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | 4.85 | | ug/L | *5.00* | | *97.0* | *80-129* | | | |
| *Surrogate: Toluene-d8* | 4.96 | | ug/L | *5.00* | | *99.2* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | 4.89 | | ug/L | *5.00* | | *97.7* | *80-120* | | | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | 4.96 | | ug/L | *5.00* | | *99.3* | *80-120* | | | |
| **LCS Dup (BNC0416-BSD2)** | | | | Prepared: 17-Mar-2025 Analyzed: 17-Mar-2025 09:58 | | | | | | |
| Benzene | 9.69 | 0.20 | ug/L | 10.0 | | 96.9 | 80-120 | 0.93 | 30 | |
| Toluene | 9.63 | 0.20 | ug/L | 10.0 | | 96.3 | 80-120 | 0.65 | 30 | |
| Ethylbenzene | 9.93 | 0.20 | ug/L | 10.0 | | 99.3 | 80-120 | 0.32 | 30 | |
| m,p-Xylene | 20.0 | 0.40 | ug/L | 20.0 | | 100 | 80-121 | 0.65 | 30 | |
| o-Xylene | 9.85 | 0.20 | ug/L | 10.0 | | 98.5 | 80-121 | 2.04 | 30 | |
| *Surrogate: 1,2-Dichloroethane-d4* | 4.77 | | ug/L | *5.00* | | *95.5* | *80-129* | | | |
| *Surrogate: Toluene-d8* | 4.94 | | ug/L | *5.00* | | *98.8* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | 4.97 | | ug/L | *5.00* | | *99.3* | *80-120* | | | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | 4.94 | | ug/L | *5.00* | | *98.8* | *80-120* | | | |
| **Matrix Spike (BNC0416-MS2)** | **Source: 25C0282-02** | | | Prepared: 17-Mar-2025 Analyzed: 17-Mar-2025 18:12 | | | | | | |
| Benzene | 9.16 | 0.20 | ug/L | 10.0 | ND | 91.6 | 80-120 | | | |
| Toluene | 9.03 | 0.20 | ug/L | 10.0 | ND | 90.3 | 80-120 | | | |
| Ethylbenzene | 9.21 | 0.20 | ug/L | 10.0 | ND | 92.1 | 80-120 | | | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

**Analysis by: Analytical Resources, LLC**

## Volatile Organic Compounds - Quality Control

### Batch BNC0416 - EPA 8260D in Water

Instrument: NT3 Analyst: LN

| QC Sample/Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Matrix Spike (BNC0416-MS2)** | **Source: 25C0282-02** | | Prepared: 17-Mar-2025 Analyzed: 17-Mar-2025 18:12 | | | | | | | |
| m,p-Xylene | 18.6 | 0.40 | ug/L | 20.0 | ND | 92.8 | 80-121 | | | |
| o-Xylene | 9.29 | 0.20 | ug/L | 10.0 | ND | 92.9 | 80-121 | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | 4.94 | | ug/L | *5.00* | *4.92* | *98.7* | *80-129* | | | |
| *Surrogate: Toluene-d8* | 5.01 | | ug/L | *5.00* | *4.89* | *100* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | 4.94 | | ug/L | *5.00* | *4.85* | *98.7* | *80-120* | | | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | 4.98 | | ug/L | *5.00* | *4.97* | *99.7* | *80-120* | | | |

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Matrix Spike Dup (BNC0416-MSD2)** | **Source: 25C0282-02** | | Prepared: 17-Mar-2025 Analyzed: 17-Mar-2025 18:34 | | | | | | | |
| Benzene | 9.55 | 0.20 | ug/L | 10.0 | ND | 95.5 | 80-120 | 4.17 | 30 | |
| Toluene | 9.35 | 0.20 | ug/L | 10.0 | ND | 93.5 | 80-120 | 3.42 | 30 | |
| Ethylbenzene | 9.62 | 0.20 | ug/L | 10.0 | ND | 96.2 | 80-120 | 4.27 | 30 | |
| m,p-Xylene | 19.4 | 0.40 | ug/L | 20.0 | ND | 97.1 | 80-121 | 4.45 | 30 | |
| o-Xylene | 9.68 | 0.20 | ug/L | 10.0 | ND | 96.8 | 80-121 | 4.17 | 30 | |
| *Surrogate: 1,2-Dichloroethane-d4* | 4.81 | | ug/L | *5.00* | *4.92* | *96.2* | *80-129* | | | |
| *Surrogate: Toluene-d8* | 4.96 | | ug/L | *5.00* | *4.89* | *99.2* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | 5.00 | | ug/L | *5.00* | *4.85* | *100* | *80-120* | | | |
| *Surrogate: 1,2-Dichlorobenzene-d4* | 5.07 | | ug/L | *5.00* | *4.97* | *101* | *80-120* | | | |

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

**Analysis by: Analytical Resources, LLC**

## Volatile Organic Compounds - Quality Control

### Batch BNC0416 - NWTPHg in Water

Instrument: NT3 Analyst: LN

| QC Sample/Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Blank (BNC0416-BLK1)** | | | | Prepared: 17-Mar-2025 Analyzed: 17-Mar-2025 10:41 | | | | | | |
| Gasoline Range Organics (Tol-Nap) | ND | 100 | ug/L | | | | | | | U |
| *Surrogate: Toluene-d8* | 4.91 | | ug/L | *5.00* | | *98.3* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | 4.76 | | ug/L | *5.00* | | *95.2* | *80-120* | | | |
| **LCS (BNC0416-BS1)** | | | | Prepared: 17-Mar-2025 Analyzed: 17-Mar-2025 08:52 | | | | | | |
| Gasoline Range Organics (Tol-Nap) | 923 | 100 | ug/L | 1000 | | 92.3 | 72-128 | | | |
| *Surrogate: Toluene-d8* | 5.02 | | ug/L | *5.00* | | *100* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | 4.90 | | ug/L | *5.00* | | *98.0* | *80-120* | | | |
| **LCS Dup (BNC0416-BSD1)** | | | | Prepared: 17-Mar-2025 Analyzed: 17-Mar-2025 09:36 | | | | | | |
| Gasoline Range Organics (Tol-Nap) | 905 | 100 | ug/L | 1000 | | 90.5 | 72-128 | 1.96 | 30 | |
| *Surrogate: Toluene-d8* | 4.88 | | ug/L | *5.00* | | *97.6* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | 4.92 | | ug/L | *5.00* | | *98.5* | *80-120* | | | |
| **Matrix Spike (BNC0416-MS1)** | **Source: 25C0282-02** | | | Prepared: 17-Mar-2025 Analyzed: 17-Mar-2025 17:28 | | | | | | |
| Gasoline Range Organics (Tol-Nap) | 858 | 100 | ug/L | 1000 | ND | 85.8 | 72-128 | | | |
| *Surrogate: Toluene-d8* | 4.92 | | ug/L | *5.00* | *4.89* | *98.5* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | 4.74 | | ug/L | *5.00* | *4.85* | *94.8* | *80-120* | | | |

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Matrix Spike Dup (BNC0416-MSD1)** | **Source: 25C0282-02** | | | Prepared: 17-Mar-2025 Analyzed: 17-Mar-2025 17:50 | | | | | | |
| Gasoline Range Organics (Tol-Nap) | 878 | 100 | ug/L | 1000 | ND | 87.8 | 72-128 | 2.23 | 30 | |
| *Surrogate: Toluene-d8* | 4.87 | | ug/L | *5.00* | *4.89* | *97.5* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | 4.84 | | ug/L | *5.00* | *4.85* | *96.8* | *80-120* | | | |

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

**Analysis by: Analytical Resources, LLC**

## Semivolatile Organic Compounds - SIM - Quality Control

### Batch BNC0405 - EPA 8270E-SIM in Water

Instrument: NT8 Analyst: JZ

| QC Sample/Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Blank (BNC0405-BLK1)** | | | | Prepared: 18-Mar-2025 Analyzed: 28-Mar-2025 14:29 | | | | | | |
| Naphthalene | ND | 0.10 | ug/L | | | | | | | U |
| 2-Methylnaphthalene | ND | 0.10 | ug/L | | | | | | | U |
| 1-Methylnaphthalene | ND | 0.10 | ug/L | | | | | | | U |
| Acenaphthylene | ND | 0.10 | ug/L | | | | | | | U |
| Acenaphthene | ND | 0.10 | ug/L | | | | | | | U |
| Dibenzofuran | ND | 0.10 | ug/L | | | | | | | U |
| Fluorene | ND | 0.10 | ug/L | | | | | | | U |
| Phenanthrene | ND | 0.10 | ug/L | | | | | | | U |
| Anthracene | ND | 0.10 | ug/L | | | | | | | U |
| Fluoranthene | ND | 0.10 | ug/L | | | | | | | U |
| Pyrene | ND | 0.10 | ug/L | | | | | | | U |
| Benzo(a)anthracene | ND | 0.10 | ug/L | | | | | | | U |
| Chrysene | ND | 0.10 | ug/L | | | | | | | U |
| Benzo(b)fluoranthene | ND | 0.10 | ug/L | | | | | | | U |
| Benzo(k)fluoranthene | ND | 0.10 | ug/L | | | | | | | U |
| Benzo(j)fluoranthene | ND | 0.10 | ug/L | | | | | | | U |
| Benzofluoranthenes, Total | ND | 0.30 | ug/L | | | | | | | U |
| Benzo(a)pyrene | ND | 0.10 | ug/L | | | | | | | U |
| Indeno(1,2,3-cd)pyrene | ND | 0.10 | ug/L | | | | | | | U |
| Dibenzo(a,h)anthracene | ND | 0.10 | ug/L | | | | | | | U |
| Benzo(g,h,i)perylene | ND | 0.10 | ug/L | | | | | | | U |
| *Surrogate: 2-Methylnaphthalene-d10* | 0.231 | | ug/L | *0.600* | | *38.4* | *31-120* | | | |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | 0.241 | | ug/L | *0.615* | | *39.2* | *10-125* | | | |
| **LCS (BNC0405-BS1)** | | | | Prepared: 18-Mar-2025 Analyzed: 25-Mar-2025 03:23 | | | | | | |
| Naphthalene | 2.16 | 0.10 | ug/L | 3.00 | | 72.1 | 18-120 | | | |
| 2-Methylnaphthalene | 2.16 | 0.10 | ug/L | 3.00 | | 71.9 | 23-120 | | | |
| 1-Methylnaphthalene | 2.18 | 0.10 | ug/L | 3.00 | | 72.8 | 25-120 | | | |
| Acenaphthylene | 1.45 | 0.10 | ug/L | 3.00 | | 48.2 | 15-120 | | | |
| Acenaphthene | 2.07 | 0.10 | ug/L | 3.00 | | 68.9 | 23-120 | | | |
| Dibenzofuran | 2.36 | 0.10 | ug/L | 3.00 | | 78.8 | 26-120 | | | |
| Fluorene | 2.34 | 0.10 | ug/L | 3.00 | | 77.9 | 27-120 | | | |
| Phenanthrene | 2.58 | 0.10 | ug/L | 3.00 | | 86.0 | 27-120 | | | |
| Anthracene | 1.77 | 0.10 | ug/L | 3.00 | | 58.9 | 20-120 | | | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

**Analysis by: Analytical Resources, LLC**

## Semivolatile Organic Compounds - SIM - Quality Control

### Batch BNC0405 - EPA 8270E-SIM in Water

Instrument: NT8 Analyst: JZ

| QC Sample/Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LCS (BNC0405-BS1)** | | | | Prepared: 18-Mar-2025 Analyzed: 25-Mar-2025 03:23 | | | | | | |
| Fluoranthene | 2.86 | 0.10 | ug/L | 3.00 | | 95.5 | 32-120 | | | |
| Pyrene | 2.97 | 0.10 | ug/L | 3.00 | | 99.0 | 26-120 | | | |
| Benzo(a)anthracene | 2.32 | 0.10 | ug/L | 3.00 | | 77.4 | 25-120 | | | |
| Chrysene | 2.70 | 0.10 | ug/L | 3.00 | | 90.0 | 31-120 | | | |
| Benzo(b)fluoranthene | 6.19 | 0.10 | ug/L | 3.00 | | 206 | 31-150 | | | * |
| Benzo(k)fluoranthene | 5.33 | 0.10 | ug/L | 3.00 | | 178 | 34-144 | | | * |
| Benzo(j)fluoranthene | 5.67 | 0.10 | ug/L | 3.00 | | 189 | 33-153 | | | |
| Benzofluoranthenes, Total | 17.2 | 0.30 | ug/L | 9.00 | | 192 | 33-148 | | | * |
| Benzo(a)pyrene | 2.88 | 0.10 | ug/L | 3.00 | | 95.9 | 20-120 | | | |
| Indeno(1,2,3-cd)pyrene | 4.38 | 0.10 | ug/L | 3.00 | | 146 | 46-130 | | | * |
| Dibenzo(a,h)anthracene | 5.38 | 0.10 | ug/L | 3.00 | | 179 | 43-146 | | | * |
| Benzo(g,h,i)perylene | 5.05 | 0.10 | ug/L | 3.00 | | 168 | 40-144 | | | * |
| *Surrogate: 2-Methylnaphthalene-d10* | 0.335 | | ug/L | *0.600* | | *55.8* | *31-120* | | | |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | 0.887 | | ug/L | *0.615* | | *144* | *10-125* | | | * |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

**Analysis by: Analytical Resources, LLC**

## Semivolatile Organic Compounds - SIM - Quality Control

### Batch BND0234 - EPA 8270E-SIM in Water

Instrument: NT17 Analyst: RJL

| QC Sample/Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Blank (BND0234-BLK1)** | | | | Prepared: 10-Apr-2025 Analyzed: 16-Apr-2025 15:08 | | | | | | |
| Naphthalene | ND | 0.10 | ug/L | | | | | | | U |
| 2-Methylnaphthalene | ND | 0.10 | ug/L | | | | | | | U |
| 1-Methylnaphthalene | ND | 0.10 | ug/L | | | | | | | U |
| Acenaphthylene | ND | 0.10 | ug/L | | | | | | | U |
| Acenaphthene | ND | 0.10 | ug/L | | | | | | | U |
| Dibenzofuran | ND | 0.10 | ug/L | | | | | | | U |
| Fluorene | ND | 0.10 | ug/L | | | | | | | U |
| Phenanthrene | ND | 0.10 | ug/L | | | | | | | U |
| Anthracene | ND | 0.10 | ug/L | | | | | | | U |
| Fluoranthene | ND | 0.10 | ug/L | | | | | | | U |
| Pyrene | ND | 0.10 | ug/L | | | | | | | U |
| Benzo(a)anthracene | ND | 0.10 | ug/L | | | | | | | U |
| Chrysene | ND | 0.10 | ug/L | | | | | | | U |
| Benzo(b)fluoranthene | ND | 0.10 | ug/L | | | | | | | U |
| Benzo(k)fluoranthene | ND | 0.10 | ug/L | | | | | | | U |
| Benzo(j)fluoranthene | ND | 0.10 | ug/L | | | | | | | U |
| Benzofluoranthenes, Total | ND | 0.30 | ug/L | | | | | | | U |
| Benzo(a)pyrene | ND | 0.10 | ug/L | | | | | | | U |
| Indeno(1,2,3-cd)pyrene | ND | 0.10 | ug/L | | | | | | | U |
| Dibenzo(a,h)anthracene | ND | 0.10 | ug/L | | | | | | | U |
| Benzo(g,h,i)perylene | ND | 0.10 | ug/L | | | | | | | U |
| *Surrogate: 2-Methylnaphthalene-d10* | 0.276 | | ug/L | *0.600* | | *45.9* | *31-120* | | | |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | 0.338 | | ug/L | *0.600* | | *56.3* | *10-125* | | | |
| **LCS (BND0234-BS1)** | | | | Prepared: 10-Apr-2025 Analyzed: 16-Apr-2025 15:38 | | | | | | |
| Naphthalene | 1.59 | 0.10 | ug/L | 3.00 | | 53.1 | 18-120 | | | |
| 2-Methylnaphthalene | 1.77 | 0.10 | ug/L | 3.00 | | 59.1 | 23-120 | | | |
| 1-Methylnaphthalene | 1.65 | 0.10 | ug/L | 3.00 | | 54.9 | 25-120 | | | |
| Acenaphthylene | 1.89 | 0.10 | ug/L | 3.00 | | 63.1 | 15-120 | | | |
| Acenaphthene | 1.71 | 0.10 | ug/L | 3.00 | | 57.1 | 23-120 | | | |
| Dibenzofuran | 1.93 | 0.10 | ug/L | 3.00 | | 64.4 | 26-120 | | | |
| Fluorene | 2.04 | 0.10 | ug/L | 3.00 | | 68.1 | 27-120 | | | |
| Phenanthrene | 2.12 | 0.10 | ug/L | 3.00 | | 70.5 | 27-120 | | | |
| Anthracene | 1.98 | 0.10 | ug/L | 3.00 | | 66.1 | 20-120 | | | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

**Analysis by: Analytical Resources, LLC**

## Semivolatile Organic Compounds - SIM - Quality Control

### Batch BND0234 - EPA 8270E-SIM in Water

Instrument: NT17 Analyst: RJL

| QC Sample/Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LCS (BND0234-BS1)** | | | | Prepared: 10-Apr-2025 Analyzed: 16-Apr-2025 15:38 | | | | | | |
| Fluoranthene | 2.39 | 0.10 | ug/L | 3.00 | | 79.7 | 32-120 | | | |
| Pyrene | 2.32 | 0.10 | ug/L | 3.00 | | 77.3 | 26-120 | | | |
| Benzo(a)anthracene | 2.42 | 0.10 | ug/L | 3.00 | | 80.8 | 25-120 | | | |
| Chrysene | 2.16 | 0.10 | ug/L | 3.00 | | 72.1 | 31-120 | | | |
| Benzo(b)fluoranthene | 2.80 | 0.10 | ug/L | 3.00 | | 93.3 | 31-150 | | | |
| Benzo(k)fluoranthene | 2.10 | 0.10 | ug/L | 3.00 | | 69.9 | 34-144 | | | |
| Benzo(j)fluoranthene | 1.80 | 0.10 | ug/L | 3.00 | | 60.1 | 33-153 | | | Q |
| Benzofluoranthenes, Total | 6.70 | 0.30 | ug/L | 9.00 | | 74.4 | 33-148 | | | |
| Benzo(a)pyrene | 1.80 | 0.10 | ug/L | 3.00 | | 60.2 | 20-120 | | | |
| Indeno(1,2,3-cd)pyrene | 2.24 | 0.10 | ug/L | 3.00 | | 74.8 | 46-130 | | | |
| Dibenzo(a,h)anthracene | 2.25 | 0.10 | ug/L | 3.00 | | 74.9 | 43-146 | | | |
| Benzo(g,h,i)perylene | 2.15 | 0.10 | ug/L | 3.00 | | 71.5 | 40-144 | | | |
| *Surrogate: 2-Methylnaphthalene-d10* | 0.301 | | ug/L | *0.600* | | *50.2* | *31-120* | | | |
| *Surrogate: Dibenzo[a,h]anthracene-d14* | 0.396 | | ug/L | *0.600* | | *66.1* | *10-125* | | | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

**Analysis by: Analytical Resources, LLC**

## Petroleum Hydrocarbons - Quality Control

### Batch BNC0404 - NWTPH-Dx in Water

Instrument: FID4 Analyst: VD

| QC Sample/Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Blank (BNC0404-BLK1)** | | | | Prepared: 17-Mar-2025 Analyzed: 02-Apr-2025 21:02 | | | | | | |
| Diesel Range Organics (C12-C24) | ND | 0.100 | mg/L | | | | | | | U |
| Motor Oil Range Organics (C24-C38) | ND | 0.200 | mg/L | | | | | | | U |
| *Surrogate: o-Terphenyl* | 0.200 | | mg/L | *0.225* | | *89.0* | *50-150* | | | |
| **LCS (BNC0404-BS1)** | | | | Prepared: 17-Mar-2025 Analyzed: 02-Apr-2025 21:22 | | | | | | |
| Diesel Range Organics (C12-C24) | 2.30 | 0.100 | mg/L | 3.00 | | 76.7 | 56-120 | | | |
| *Surrogate: o-Terphenyl* | 0.214 | | mg/L | *0.225* | | *95.2* | *50-150* | | | |
| **Matrix Spike (BNC0404-MS1)** | **Source: 25C0282-02** | | | Prepared: 17-Mar-2025 Analyzed: 02-Apr-2025 22:22 | | | | | | |
| Diesel Range Organics (C12-C24) | 2.29 | 0.100 | mg/L | 3.00 | ND | 76.3 | 56-120 | | | |
| *Surrogate: o-Terphenyl* | 0.201 | | mg/L | *0.225* | *0.195* | *89.2* | *50-150* | | | |

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

| QC Sample/Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Matrix Spike Dup (BNC0404-MSD1)** | **Source: 25C0282-02** | | | Prepared: 17-Mar-2025 Analyzed: 02-Apr-2025 22:42 | | | | | | |
| Diesel Range Organics (C12-C24) | 2.21 | 0.100 | mg/L | 3.00 | ND | 73.7 | 56-120 | 3.50 | 30 | |
| *Surrogate: o-Terphenyl* | 0.195 | | mg/L | *0.225* | *0.195* | *86.7* | *50-150* | | | |

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## Uncertified Analytes included in this Report

**Analysis Matrix & Analyte**

None

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## Certified Analyses included in this Report

| Analysis Matrix & Analyte | Certification Codes |
|---|---|
| ***EPA 8260D in Water*** | |
| Benzene | ADEC,NELAP,WADOE,DoD-ELAP |
| Toluene | ADEC,NELAP,WADOE,DoD-ELAP |
| Ethylbenzene | ADEC,NELAP,WADOE,DoD-ELAP |
| m,p-Xylene | ADEC,NELAP,WADOE,DoD-ELAP |
| o-Xylene | ADEC,NELAP,WADOE,DoD-ELAP |
| ***EPA 8270E-SIM in Water*** | |
| Naphthalene | DoD-ELAP |
| 2-Methylnaphthalene | DoD-ELAP |
| 1-Methylnaphthalene | DoD-ELAP |
| Acenaphthylene | DoD-ELAP |
| Acenaphthene | DoD-ELAP |
| Dibenzofuran | DoD-ELAP |
| Fluorene | DoD-ELAP |
| Phenanthrene | DoD-ELAP |
| Anthracene | DoD-ELAP |
| Fluoranthene | DoD-ELAP |
| Pyrene | DoD-ELAP |
| Benzo(a)anthracene | DoD-ELAP |
| Chrysene | DoD-ELAP |
| Benzo(b)fluoranthene | DoD-ELAP |
| Benzo(k)fluoranthene | DoD-ELAP |
| Benzo(j)fluoranthene | DoD-ELAP |
| Benzofluoranthenes, Total | DoD-ELAP |
| Benzo(a)pyrene | DoD-ELAP |
| Indeno(1,2,3-cd)pyrene | DoD-ELAP |
| Dibenzo(a,h)anthracene | DoD-ELAP |
| Benzo(g,h,i)perylene | DoD-ELAP |
| ***NWTPH-Dx in Water*** | |
| Diesel Range Organics (C12-C2 | DoD-ELAP,NELAP,WADOE |
| Motor Oil Range Organics (C24- | DoD-ELAP,NELAP,WADOE |
| ***NWTPHg in Water*** | |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

Gasoline Range Organics (Tol-N WADOE,DoD-ELAP

## Certifications

| Code | Description | Number | Expires |
|---|---|---|---|
| ADEC | Alaska Dept of Environmental Conservation | 17-015 | 02/28/2026 |
| DoD-ELAP | DoD-Environmental Laboratory Accreditation Program, PJLA Testing | 66169 | 01/31/2026 |
| NELAP | ORELAP - Oregon Laboratory Accreditation Program | WA100006-012 | 05/12/2025 |
| WADOE | WA Dept of Ecology | C558 | 06/30/2025 |

| | | |
|---|---|---|
| Mott MacDonald | Project: Birds Eye | |
| 1601 5th Avenue Suite 800 | Project Number: 51800040-003 | **Reported:** |
| Seattle WA, 98101 | Project Manager: Inger Jackson | 24-Apr-2025 14:39 |

## Notes and Definitions

| | |
|---|---|
| * | Flagged value is not within established control limits. |
| D | The reported value is from a dilution |
| D1 | Surrogate was not detected due to sample extract dilution |
| E | The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL) |
| H | Hold time violation - Hold time was exceeded. |
| J | Estimated concentration value detected below the reporting limit. |
| Q | Indicates a detected analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20% RSD, <20% drift or minimum RRF) |
| U | This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD). |
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| dry | Sample results reported on a dry weight basis |
| RPD | Relative Percent Difference |
| [2C] | Indicates this result was quantified on the second column on a dual column analysis. |
| ! | Indicates that ARL is NOT ACCREDITED for this parameter in samples logged as 'Drinking Water' |
| # | Indicates that ARL is NOT ACCREDITED for this parameter in this analysis and matrix. |

**Strata**
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