

Illinois Power Resources Generating, LLC
1500 Eastport Plaza Drive
Collinsville, IL 62234

October 23, 2025

Illinois Environmental Protection Agency
Bureau of Land – MC#33
Attn: Part 845 Coal Combustion Residual Rule Submittal
2520 West Iles Avenue
P.O. Box 19276
Springfield, IL 62794

**Re: Duck Creek Power Plant Gypsum Management Facility (GMF) Pond;
IEPA ID # W0578010001-04**

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.610(b)(3)(D), Illinois Power Resources Generating, LLC is submitting groundwater monitoring data for the Quarter 3, 2025 sampling event at the Duck Creek Power Plant GMF Pond, identified by Illinois Environmental Protection Agency (IEPA) ID No. W0578010001-04. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances¹ of the GWPS.

The date of this submittal is considered to be the date that exceedances of the GWPSs were detected. This notification of exceedances of the GWPSs in 35 I.A.C. § 845.600 will be placed in the facility's operating record within 30 days as required by 35 I.A.C. § 845.800(d)(16).

As allowed in 35 I.A.C. § 845.650(e), an Alternative Source Demonstration (ASD) was submitted on November 11, 2023 for the exceedance of the pH GWPS detected at monitoring well G60L during the Quarter 2, 2023 sampling event. The IEPA provided a written response on December 6, 2023 that did not concur with the ASD. Therefore, a Corrective Measures Assessment was initiated on December 11, 2023 in accordance with 35 I.A.C. § 845.660. The non-concurrence was appealed and on February 15, 2024, the Illinois Pollution Control Board granted a stay on the applicability of 35 I.A.C. § 845.660 as they apply to the exceedance of the pH GWPS at monitoring well G60L. An exceedance of pH was detected during the Quarter 3, 2025 sampling event in the same monitoring well identified in the November 11, 2023 ASD; therefore, groundwater monitoring may continue in accordance with 35 I.A.C. § 845.650(e)(5).

As allowed in 35 I.A.C. § 845.650(e), an ASD was submitted on July 7, 2025 for the exceedance of the cobalt GWPS detected during the Quarter 1, 2025 sampling event. The IEPA provided a written concurrence with the ASD on August 6, 2025. An exceedance of cobalt was detected during the Quarter 3, 2025 sampling event in the same monitoring well identified in the approved ASD; therefore, groundwater monitoring may continue in accordance with 35 I.A.C. § 845.650(e)(5).

¹ Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or GWPSs as described in the proposed groundwater monitoring program, which was submitted to the IEPA on October 25, 2021 as part of Illinois Power Resources Generating, LLC's operating permit application for Duck Creek Power Plant GMF Pond, and subsequently revised on September 4, 2025. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and therefore Illinois Power Resources Generating, LLC has not identified any actual exceedances.

Due to the stay granted for the exceedance of the pH GWPS at monitoring well G60L, and the approved ASD for the exceedance of the cobalt GWPS at monitoring well G60L, the CMA has not been completed.

Sincerely,

A handwritten signature in blue ink, reading "Dianna Tickner".

Dianna Tickner, PE, PMP
Senior Director, Demolition and Decommission

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 3, 2025, Gypsum Management Facility (GMF) Pond, Duck Creek Power Plant, Canton, Illinois

35 I.A.C. § 845.610(b)(3)(D) GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES¹ QUARTER 3, 2025 GYPSUM MANAGEMENT FACILITY (GMF) POND, DUCK CREEK POWER PLANT, CANTON, ILLINOIS

October 23, 2025

Samples were collected and analyzed for the parameters listed in Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.600(a), calcium, and turbidity. Final laboratory analytical data was received on August 24, 2025.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 3, 2025 sampling event. **Table 1** is a summary of the field parameters and analytical results. **Attachment B** contains the associated laboratory analytical reports and field data sheets for the Quarter 3, 2025 sampling event.

In accordance with 35 I.A.C. § 845.610(b)(3)(C) and the statistical analysis plan submitted with the operating permit application (Appendix A of the Groundwater Monitoring Plan)², and subsequently revised and submitted to IEPA³, constituent concentrations observed at compliance monitoring wells in Quarter 3, 2025 were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances of the GWPS (**Table 2**). **Attachment C** shows the results of the comparison to background levels.

The date of this submittal is considered to be the date that the exceedances were detected.

As allowed in 35 I.A.C. § 845.650(e), an Alternative Source Demonstration⁴ (ASD) was submitted on November 11, 2023 for the exceedance of the pH GWPS detected at monitoring well G60L during the Quarter 2, 2023 sampling event. The Illinois Environmental Protection Agency (IEPA) provided a written response on December 6, 2023⁵ that did not concur with the ASD. Therefore, a Corrective Measures Assessment was initiated on December 11, 2023 in accordance with 35 I.A.C. § 845.660. The non-concurrence was appealed, and on February 15, 2024 the Illinois Pollution Control Board granted a stay on

¹ Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program, which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Illinois Power Resources Generating, LLC's operating permit application for Duck Creek Power Plant GMF Pond. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and therefore Illinois Power Resources Generating, LLC has not identified any actual exceedances.

² Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2021. *Groundwater Monitoring Plan. Gypsum Management Facility Pond. Duck Creek Power Plant. Canton, Illinois.* October 25, 2021.

³ Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2025. *Groundwater Monitoring Plan Revision 1. Gypsum Management Facility Pond. Duck Creek Power Plant. Canton, Illinois.* September 4, 2025.

⁴ Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2023. 35 I.A.C. § 845.650(e): *Alternative Source Demonstration, Gypsum Management Facility Pond, Duck Creek Power Plant, Canton, IL, IEPA ID: W0578010001-04.* November 11, 2023.

⁵ Illinois Environmental Protection Agency (IEPA), 2023. *Letter from Michael Summers (IEPA) to Dianne Tickner (Electric Energy, Inc.): Re: Duck Creek Power Plant GMF Pond; W0578010001-04, Alternative Source Demonstration (ASD) Submittal.* December 6, 2023

the applicability of 35 I.A.C. § 845.660 as they apply to the exceedance of the pH GWPS at monitoring well G60L. An exceedance of pH was detected during the Quarter 3, 2025 sampling event in the same monitoring well identified in the November 11, 2023 ASD; therefore, groundwater monitoring may continue in accordance with 35 I.A.C. § 845.650(e)(5).

As allowed in 35 I.A.C. § 845.650(e), an Alternative Source Demonstration⁶ (ASD) was submitted on July 7, 2025 for the exceedance of the cobalt GWPS detected at monitoring well G60L during the Quarter 1, 2025 sampling event. An exceedance of cobalt was detected during the Quarter 3, 2025 sampling event in the same monitoring well identified in the approved ASD. The IEPA provided a written concurrence with the ASD on August 6, 2025⁷, and therefore, groundwater monitoring may continue in accordance with 35 I.A.C. § 845.650(e)(5).

Due to the stay granted for the exceedance of the pH GWPS at monitoring well G60L, and the approved ASD for the exceedance of the cobalt GWPS at monitoring well G60L, the CMA has not been completed.

TABLES

Table 1	Field Parameters and Analytical Results - Quarter 3, 2025
Table 2	Evaluation of Compliance - Quarter 3, 2025

FIGURES

Figure 1	Monitoring Well Location Map
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ATTACHMENTS

Attachment A	Groundwater Elevation Data - Quarter 3, 2025
Attachment B	Laboratory Reports and Field Data Sheets - Quarter 3, 2025
Attachment C	Comparison to Background - Quarter 3, 2025

⁶ Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2023. 35 I.A.C. § 845.650(E): *Alternative Source Demonstration, Duck Creek Power Plant Gypsum Management Facility Pond; W0578010001-04*. July 7, 2025.

⁷ Illinois Environmental Protection Agency (IEPA), 2025. *Letter from Joshua Rhoades (IEPA) to Dianna Tickener (Dynegy Midwest Generation, LLC): Re: Duck Creek Power Plant Gypsum Management Facility Pond; W0578010001-04, Alternative Source Demonstration (ASD) Submittal*. August 6, 2025.

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
DUCK CREEK POWER PLANT
GMF POND
CANTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G02S	Background	E010	07/15/2025	Antimony, total	0.00043 U	mg/L
G02S	Background	E010	07/15/2025	Arsenic, total	0.00660	mg/L
G02S	Background	E010	07/15/2025	Barium, total	0.190	mg/L
G02S	Background	E010	07/15/2025	Beryllium, total	0.00059 U	mg/L
G02S	Background	E010	07/15/2025	Boron, total	0.0390	mg/L
G02S	Background	E010	07/15/2025	Cadmium, total	0.00074 U	mg/L
G02S	Background	E010	07/15/2025	Calcium, total	98.0	mg/L
G02S	Background	E010	07/15/2025	Chloride, total	1.40	mg/L
G02S	Background	E010	07/15/2025	Chromium, total	0.0028 U	mg/L
G02S	Background	E010	07/15/2025	Cobalt, total	0.00048 U	mg/L
G02S	Background	E010	07/15/2025	Dissolved Oxygen	1.00	mg/L
G02S	Background	E010	07/15/2025	Fluoride, total	0.249 J	mg/L
G02S	Background	E010	07/15/2025	Lead, total	0.00022 U	mg/L
G02S	Background	E010	07/15/2025	Lithium, total	0.005 U	mg/L
G02S	Background	E010	07/15/2025	Mercury, total	0.00014 U	mg/L
G02S	Background	E010	07/15/2025	Molybdenum, total	0.00074 U	mg/L
G02S	Background	E010	07/15/2025	Oxidation Reduction Potential	-97.0	mV
G02S	Background	E010	07/15/2025	pH (field)	6.8	SU
G02S	Background	E010	07/15/2025	Radium 226 + Radium 228, total	0.321	pCi/L
G02S	Background	E010	07/15/2025	Selenium, total	0.00074 U	mg/L
G02S	Background	E010	07/15/2025	Specific Conductance @ 25C (field)	811	micromhos/cm
G02S	Background	E010	07/15/2025	Sulfate, total	0.14 J	mg/L
G02S	Background	E010	07/15/2025	Temperature	21.1	degrees C
G02S	Background	E010	07/15/2025	Thallium, total	0.00038 U	mg/L
G02S	Background	E010	07/15/2025	Total Dissolved Solids	370	mg/L
G02S	Background	E010	07/15/2025	Turbidity, field	28.2	NTU
G50S	Background	E010	07/07/2025	Antimony, total	0.00043 U	mg/L
G50S	Background	E010	07/07/2025	Arsenic, total	0.00110	mg/L
G50S	Background	E010	07/07/2025	Barium, total	0.140	mg/L
G50S	Background	E010	07/07/2025	Beryllium, total	0.00059 U	mg/L
G50S	Background	E010	07/07/2025	Boron, total	0.0110	mg/L
G50S	Background	E010	07/07/2025	Cadmium, total	0.00074 U	mg/L
G50S	Background	E010	07/07/2025	Calcium, total	93.0	mg/L
G50S	Background	E010	07/07/2025	Chloride, total	15.0	mg/L
G50S	Background	E010	07/07/2025	Chromium, total	0.0028 U	mg/L
G50S	Background	E010	07/07/2025	Cobalt, total	0.00048 U	mg/L
G50S	Background	E010	07/07/2025	Dissolved Oxygen	1.00	mg/L
G50S	Background	E010	07/07/2025	Fluoride, total	0.334	mg/L
G50S	Background	E010	07/07/2025	Lead, total	0.00022 U	mg/L
G50S	Background	E010	07/07/2025	Lithium, total	0.005 U	mg/L
G50S	Background	E010	07/07/2025	Mercury, total	0.00014 U	mg/L
G50S	Background	E010	07/07/2025	Molybdenum, total	0.00110	mg/L
G50S	Background	E010	07/07/2025	Oxidation Reduction Potential	-111	mV
G50S	Background	E010	07/07/2025	pH (field)	7.0	SU
G50S	Background	E010	07/07/2025	Radium 226 + Radium 228, total	1.40	pCi/L
G50S	Background	E010	07/07/2025	Selenium, total	0.00074 U	mg/L

TABLE 1.
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845 QUARTERLY REPORT
DUCK CREEK POWER PLANT
GMF POND
CANTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G50S	Background	E010	07/07/2025	Specific Conductance @ 25C (field)	600	micromhos/cm
G50S	Background	E010	07/07/2025	Sulfate, total	35.0	mg/L
G50S	Background	E010	07/07/2025	Temperature	17.1	degrees C
G50S	Background	E010	07/07/2025	Thallium, total	0.00038 U	mg/L
G50S	Background	E010	07/07/2025	Total Dissolved Solids	380	mg/L
G50S	Background	E010	07/07/2025	Turbidity, field	1.20	NTU
G51S	Background	E010	07/07/2025	Antimony, total	0.00043 U	mg/L
G51S	Background	E010	07/07/2025	Arsenic, total	0.00350	mg/L
G51S	Background	E010	07/07/2025	Barium, total	0.0940	mg/L
G51S	Background	E010	07/07/2025	Beryllium, total	0.00059 U	mg/L
G51S	Background	E010	07/07/2025	Boron, total	0.0150	mg/L
G51S	Background	E010	07/07/2025	Cadmium, total	0.00074 U	mg/L
G51S	Background	E010	07/07/2025	Calcium, total	99.0	mg/L
G51S	Background	E010	07/07/2025	Chloride, total	18.0	mg/L
G51S	Background	E010	07/07/2025	Chromium, total	0.0028 U	mg/L
G51S	Background	E010	07/07/2025	Cobalt, total	0.00048 U	mg/L
G51S	Background	E010	07/07/2025	Dissolved Oxygen	9.70	mg/L
G51S	Background	E010	07/07/2025	Fluoride, total	0.342	mg/L
G51S	Background	E010	07/07/2025	Lead, total	0.00340	mg/L
G51S	Background	E010	07/07/2025	Lithium, total	0.005 U	mg/L
G51S	Background	E010	07/07/2025	Mercury, total	0.00014 U	mg/L
G51S	Background	E010	07/07/2025	Molybdenum, total	0.00110	mg/L
G51S	Background	E010	07/07/2025	Oxidation Reduction Potential	-47.0	mV
G51S	Background	E010	07/07/2025	pH (field)	6.9	SU
G51S	Background	E010	07/07/2025	Radium 226 + Radium 228, total	0.71	pCi/L
G51S	Background	E010	07/07/2025	Selenium, total	0.00074 U	mg/L
G51S	Background	E010	07/07/2025	Specific Conductance @ 25C (field)	593	micromhos/cm
G51S	Background	E010	07/07/2025	Sulfate, total	65.0	mg/L
G51S	Background	E010	07/07/2025	Temperature	16.4	degrees C
G51S	Background	E010	07/07/2025	Thallium, total	0.00038 U	mg/L
G51S	Background	E010	07/07/2025	Total Dissolved Solids	410	mg/L
G51S	Background	E010	07/07/2025	Turbidity, field	24.6	NTU
G54L	Compliance	E010	07/09/2025	Antimony, total	0.00043 U	mg/L
G54L	Compliance	E010	07/09/2025	Arsenic, total	0.00710	mg/L
G54L	Compliance	E010	07/09/2025	Barium, total	0.240	mg/L
G54L	Compliance	E010	07/09/2025	Beryllium, total	0.00059 U	mg/L
G54L	Compliance	E010	07/09/2025	Boron, total	0.0078 J	mg/L
G54L	Compliance	E010	07/09/2025	Cadmium, total	0.00074 U	mg/L
G54L	Compliance	E010	07/09/2025	Calcium, total	220	mg/L
G54L	Compliance	E010	07/10/2025	Chloride, total	88.0	mg/L
G54L	Compliance	E010	07/09/2025	Chromium, total	0.0028 U	mg/L
G54L	Compliance	E010	07/09/2025	Cobalt, total	0.0011 J	mg/L
G54L	Compliance	E010	07/09/2025	Dissolved Oxygen	0.980	mg/L
G54L	Compliance	E010	07/10/2025	Fluoride, total	0.2 U	mg/L
G54L	Compliance	E010	07/09/2025	Lead, total	0.00022 U	mg/L
G54L	Compliance	E010	07/09/2025	Lithium, total	0.005 U	mg/L

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845 QUARTERLY REPORT
DUCK CREEK POWER PLANT
GMF POND
CANTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G54L	Compliance	E010	07/09/2025	Mercury, total	0.00018 J	mg/L
G54L	Compliance	E010	07/09/2025	Molybdenum, total	0.00100	mg/L
G54L	Compliance	E010	07/09/2025	Oxidation Reduction Potential	-35.0	mV
G54L	Compliance	E010	07/09/2025	pH (field)	6.1	SU
G54L	Compliance	E010	07/09/2025	Radium 226 + Radium 228, total	1.73	pCi/L
G54L	Compliance	E010	07/09/2025	Selenium, total	0.00074 U	mg/L
G54L	Compliance	E010	07/09/2025	Specific Conductance @ 25C (field)	1,490	micromhos/cm
G54L	Compliance	E010	07/10/2025	Sulfate, total	150	mg/L
G54L	Compliance	E010	07/09/2025	Temperature	22.1	degrees C
G54L	Compliance	E010	07/09/2025	Thallium, total	0.00038 U	mg/L
G54L	Compliance	E010	07/10/2025	Total Dissolved Solids	1,000	mg/L
G54L	Compliance	E010	07/09/2025	Turbidity, field	0 U	NTU
G54S	Compliance	E010	07/07/2025	Antimony, total	0.00043 U	mg/L
G54S	Compliance	E010	07/07/2025	Arsenic, total	0.00180	mg/L
G54S	Compliance	E010	07/07/2025	Barium, total	0.200	mg/L
G54S	Compliance	E010	07/07/2025	Beryllium, total	0.00059 U	mg/L
G54S	Compliance	E010	07/07/2025	Boron, total	0.0270	mg/L
G54S	Compliance	E010	07/07/2025	Cadmium, total	0.00074 U	mg/L
G54S	Compliance	E010	07/07/2025	Calcium, total	130	mg/L
G54S	Compliance	E010	07/07/2025	Chloride, total	7.50	mg/L
G54S	Compliance	E010	07/07/2025	Chromium, total	0.0028 U	mg/L
G54S	Compliance	E010	07/07/2025	Cobalt, total	0.00048 U	mg/L
G54S	Compliance	E010	07/07/2025	Dissolved Oxygen	0.550	mg/L
G54S	Compliance	E010	07/07/2025	Fluoride, total	0.227 J	mg/L
G54S	Compliance	E010	07/07/2025	Lead, total	0.00022 U	mg/L
G54S	Compliance	E010	07/07/2025	Lithium, total	0.0059 J	mg/L
G54S	Compliance	E010	07/07/2025	Mercury, total	0.00014 U	mg/L
G54S	Compliance	E010	07/07/2025	Molybdenum, total	0.00110	mg/L
G54S	Compliance	E010	07/07/2025	Oxidation Reduction Potential	-73.0	mV
G54S	Compliance	E010	07/07/2025	pH (field)	6.8	SU
G54S	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	0.478	pCi/L
G54S	Compliance	E010	07/07/2025	Selenium, total	0.00074 U	mg/L
G54S	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	729	micromhos/cm
G54S	Compliance	E010	07/07/2025	Sulfate, total	32.0	mg/L
G54S	Compliance	E010	07/07/2025	Temperature	19.3	degrees C
G54S	Compliance	E010	07/07/2025	Thallium, total	0.00038 U	mg/L
G54S	Compliance	E010	07/07/2025	Total Dissolved Solids	540	mg/L
G54S	Compliance	E010	07/07/2025	Turbidity, field	0 U	NTU
G57S	Compliance	E010	07/08/2025	Antimony, total	0.00043 U	mg/L
G57S	Compliance	E010	07/08/2025	Arsenic, total	0.00069 U	mg/L
G57S	Compliance	E010	07/08/2025	Barium, total	0.190	mg/L
G57S	Compliance	E010	07/08/2025	Beryllium, total	0.00059 U	mg/L
G57S	Compliance	E010	07/08/2025	Boron, total	0.0091 J	mg/L
G57S	Compliance	E010	07/08/2025	Cadmium, total	0.00074 U	mg/L
G57S	Compliance	E010	07/08/2025	Calcium, total	180	mg/L
G57S	Compliance	E010	07/08/2025	Chloride, total	20.0	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
DUCK CREEK POWER PLANT
GMF POND
CANTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G57S	Compliance	E010	07/08/2025	Chromium, total	0.0028 U	mg/L
G57S	Compliance	E010	07/08/2025	Cobalt, total	0.00059 J	mg/L
G57S	Compliance	E010	07/08/2025	Dissolved Oxygen	1.60	mg/L
G57S	Compliance	E010	07/08/2025	Fluoride, total	0.235 J	mg/L
G57S	Compliance	E010	07/08/2025	Lead, total	0.001 UJ	mg/L
G57S	Compliance	E010	07/08/2025	Lithium, total	0.005 U	mg/L
G57S	Compliance	E010	07/08/2025	Mercury, total	0.00014 U	mg/L
G57S	Compliance	E010	07/08/2025	Molybdenum, total	0.00074 U	mg/L
G57S	Compliance	E010	07/08/2025	Oxidation Reduction Potential	47.0	mV
G57S	Compliance	E010	07/08/2025	pH (field)	6.5	SU
G57S	Compliance	E010	07/08/2025	Radium 226 + Radium 228, total	0.634	pCi/L
G57S	Compliance	E010	07/08/2025	Selenium, total	0.00074 U	mg/L
G57S	Compliance	E010	07/08/2025	Specific Conductance @ 25C (field)	1,420	micromhos/cm
G57S	Compliance	E010	07/08/2025	Sulfate, total	50.0	mg/L
G57S	Compliance	E010	07/08/2025	Temperature	20.1	degrees C
G57S	Compliance	E010	07/08/2025	Thallium, total	0.00038 U	mg/L
G57S	Compliance	E010	07/08/2025	Total Dissolved Solids	840	mg/L
G57S	Compliance	E010	07/08/2025	Turbidity, field	0 U	NTU
G60L	Compliance	E010	07/16/2025	Antimony, total	0.00043 U	mg/L
G60L	Compliance	E010	07/16/2025	Arsenic, total	0.00069 U	mg/L
G60L	Compliance	E010	07/16/2025	Barium, total	0.0340	mg/L
G60L	Compliance	E010	07/16/2025	Beryllium, total	0.00059 U	mg/L
G60L	Compliance	E010	07/16/2025	Boron, total	0.0210	mg/L
G60L	Compliance	E010	07/16/2025	Cadmium, total	0.00076 J	mg/L
G60L	Compliance	E010	07/16/2025	Calcium, total	96.0	mg/L
G60L	Compliance	E010	07/16/2025	Chloride, total	6.30	mg/L
G60L	Compliance	E010	07/16/2025	Chromium, total	0.0028 U	mg/L
G60L	Compliance	E010	07/16/2025	Cobalt, total	0.00880	mg/L
G60L	Compliance	E010	07/16/2025	Dissolved Oxygen	3.60	mg/L
G60L	Compliance	E010	07/16/2025	Fluoride, total	0.172 U	mg/L
G60L	Compliance	E010	07/16/2025	Lead, total	0.00022 U	mg/L
G60L	Compliance	E010	07/16/2025	Lithium, total	0.005 U	mg/L
G60L	Compliance	E010	07/16/2025	Mercury, total	0.00014 U	mg/L
G60L	Compliance	E010	07/16/2025	Molybdenum, total	0.00074 U	mg/L
G60L	Compliance	E010	07/16/2025	Oxidation Reduction Potential	37.0	mV
G60L	Compliance	E010	07/16/2025	pH (field)	6.1	SU
G60L	Compliance	E010	07/16/2025	Radium 226 + Radium 228, total	0.88	pCi/L
G60L	Compliance	E010	07/16/2025	Selenium, total	0.00074 U	mg/L
G60L	Compliance	E010	07/16/2025	Specific Conductance @ 25C (field)	686	micromhos/cm
G60L	Compliance	E010	07/16/2025	Sulfate, total	170	mg/L
G60L	Compliance	E010	07/16/2025	Temperature	17.8	degrees C
G60L	Compliance	E010	07/16/2025	Thallium, total	0.00038 U	mg/L
G60L	Compliance	E010	07/16/2025	Total Dissolved Solids	490	mg/L
G60L	Compliance	E010	07/16/2025	Turbidity, field	16.9	NTU
G60S	Compliance	E010	07/16/2025	Antimony, total	0.00043 U	mg/L
G60S	Compliance	E010	07/16/2025	Arsenic, total	0.00160	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
DUCK CREEK POWER PLANT
GMF POND
CANTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G60S	Compliance	E010	07/16/2025	Barium, total	0.150	mg/L
G60S	Compliance	E010	07/16/2025	Beryllium, total	0.00059 U	mg/L
G60S	Compliance	E010	07/16/2025	Boron, total	0.0150	mg/L
G60S	Compliance	E010	07/16/2025	Cadmium, total	0.00074 U	mg/L
G60S	Compliance	E010	07/16/2025	Calcium, total	140	mg/L
G60S	Compliance	E010	07/16/2025	Chloride, total	4.80	mg/L
G60S	Compliance	E010	07/16/2025	Chromium, total	0.0028 U	mg/L
G60S	Compliance	E010	07/16/2025	Cobalt, total	0.00048 U	mg/L
G60S	Compliance	E010	07/16/2025	Dissolved Oxygen	2.50	mg/L
G60S	Compliance	E010	07/16/2025	Fluoride, total	0.172 U	mg/L
G60S	Compliance	E010	07/16/2025	Lead, total	0.00089 J	mg/L
G60S	Compliance	E010	07/16/2025	Lithium, total	0.005 U	mg/L
G60S	Compliance	E010	07/16/2025	Mercury, total	0.00014 U	mg/L
G60S	Compliance	E010	07/16/2025	Molybdenum, total	0.00099 J	mg/L
G60S	Compliance	E010	07/16/2025	Oxidation Reduction Potential	-25.0	mV
G60S	Compliance	E010	07/16/2025	pH (field)	6.7	SU
G60S	Compliance	E010	07/16/2025	Radium 226 + Radium 228, total	1.34	pCi/L
G60S	Compliance	E010	07/16/2025	Selenium, total	0.00074 U	mg/L
G60S	Compliance	E010	07/16/2025	Specific Conductance @ 25C (field)	808	micromhos/cm
G60S	Compliance	E010	07/16/2025	Sulfate, total	65.0	mg/L
G60S	Compliance	E010	07/16/2025	Temperature	15.5	degrees C
G60S	Compliance	E010	07/16/2025	Thallium, total	0.00038 U	mg/L
G60S	Compliance	E010	07/16/2025	Total Dissolved Solids	560	mg/L
G60S	Compliance	E010	07/16/2025	Turbidity, field	31.0	NTU
G64L	Compliance	E010	07/07/2025	Antimony, total	0.00043 U	mg/L
G64L	Compliance	E010	07/07/2025	Arsenic, total	0.00069 U	mg/L
G64L	Compliance	E010	07/07/2025	Barium, total	0.100	mg/L
G64L	Compliance	E010	07/07/2025	Beryllium, total	0.00059 U	mg/L
G64L	Compliance	E010	07/07/2025	Boron, total	0.0071 U	mg/L
G64L	Compliance	E010	07/07/2025	Cadmium, total	0.00074 U	mg/L
G64L	Compliance	E010	07/07/2025	Calcium, total	130	mg/L
G64L	Compliance	E010	07/07/2025	Chloride, total	4.00	mg/L
G64L	Compliance	E010	07/07/2025	Chromium, total	0.0028 U	mg/L
G64L	Compliance	E010	07/07/2025	Cobalt, total	0.00048 U	mg/L
G64L	Compliance	E010	07/07/2025	Dissolved Oxygen	2.00	mg/L
G64L	Compliance	E010	07/07/2025	Fluoride, total	0.310	mg/L
G64L	Compliance	E010	07/07/2025	Lead, total	0.00022 U	mg/L
G64L	Compliance	E010	07/07/2025	Lithium, total	0.005 U	mg/L
G64L	Compliance	E010	07/07/2025	Mercury, total	0.00014 U	mg/L
G64L	Compliance	E010	07/07/2025	Molybdenum, total	0.00098 J	mg/L
G64L	Compliance	E010	07/07/2025	Oxidation Reduction Potential	231	mV
G64L	Compliance	E010	07/07/2025	pH (field)	7.1	SU
G64L	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	1.08	pCi/L
G64L	Compliance	E010	07/07/2025	Selenium, total	0.00074 U	mg/L
G64L	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	1,140	micromhos/cm
G64L	Compliance	E010	07/07/2025	Sulfate, total	27.0	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025

845 QUARTERLY REPORT
DUCK CREEK POWER PLANT
GMF POND
CANTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
G64L	Compliance	E010	07/07/2025	Temperature	17.2	degrees C
G64L	Compliance	E010	07/07/2025	Thallium, total	0.00038 U	mg/L
G64L	Compliance	E010	07/07/2025	Total Dissolved Solids	600	mg/L
G64L	Compliance	E010	07/07/2025	Turbidity, field	0 U	NTU
G64S	Compliance	E010	07/07/2025	Antimony, total	0.00043 U	mg/L
G64S	Compliance	E010	07/07/2025	Arsenic, total	0.00120	mg/L
G64S	Compliance	E010	07/07/2025	Barium, total	0.160	mg/L
G64S	Compliance	E010	07/07/2025	Beryllium, total	0.00059 U	mg/L
G64S	Compliance	E010	07/07/2025	Boron, total	0.0330	mg/L
G64S	Compliance	E010	07/07/2025	Cadmium, total	0.00074 U	mg/L
G64S	Compliance	E010	07/07/2025	Calcium, total	99.0	mg/L
G64S	Compliance	E010	07/07/2025	Chloride, total	4.10 J-	mg/L
G64S	Compliance	E010	07/07/2025	Chromium, total	0.0028 U	mg/L
G64S	Compliance	E010	07/07/2025	Cobalt, total	0.00048 U	mg/L
G64S	Compliance	E010	07/07/2025	Dissolved Oxygen	3.20	mg/L
G64S	Compliance	E010	07/07/2025	Fluoride, total	0.342	mg/L
G64S	Compliance	E010	07/07/2025	Lead, total	0.00022 U	mg/L
G64S	Compliance	E010	07/07/2025	Lithium, total	0.005 U	mg/L
G64S	Compliance	E010	07/07/2025	Mercury, total	0.00014 U	mg/L
G64S	Compliance	E010	07/07/2025	Molybdenum, total	0.00140	mg/L
G64S	Compliance	E010	07/07/2025	Oxidation Reduction Potential	-6.00	mV
G64S	Compliance	E010	07/07/2025	pH (field)	6.8	SU
G64S	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	1.06	pCi/L
G64S	Compliance	E010	07/07/2025	Selenium, total	0.00074 U	mg/L
G64S	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	841	micromhos/cm
G64S	Compliance	E010	07/07/2025	Sulfate, total	26.0	mg/L
G64S	Compliance	E010	07/07/2025	Temperature	18.6	degrees C
G64S	Compliance	E010	07/07/2025	Thallium, total	0.00038 U	mg/L
G64S	Compliance	E010	07/07/2025	Total Dissolved Solids	410	mg/L
G64S	Compliance	E010	07/07/2025	Turbidity, field	0 U	NTU

Notes:

C = Celsius
cm = centimeter
Events:

E010 = Quarter 3, 2025 sampling event

mg/L = milligrams per liter

mV = millivolts

NTU = Nephelometric Turbidity Units

pCi/L = picocuries per liter

Result Code (if applicable):

- NR¹ = Parameter not analyzed.
- NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.
- NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
- NS³ = The location was not accessible; therefore, a sample was not collected.
- NS⁴ = The location could not be found; therefore, a sample was not collected.
- NS⁵ = The location was damaged; therefore, a sample was not collected.
- NS⁶ = Sampling pump could not yield a sample.
- NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
- NS⁸ = A sample was not collected.
- PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.

Result qualifiers as defined in the United States Environmental Protection Agency’s *National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA 542-R-20-006. November 2020.:

- J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J- = The result is an estimated quantity, but the result may be biased low.
- J+ = The result is an estimated quantity, but the result may be biased high.
- U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
- UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
- SU = Standard Units

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
DUCK CREEK POWER PLANT
GMF POND
CANTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
G54L	PMP	E010	Antimony, total	mg/L	04/14/21 - 07/09/25	18	100	All ND - Last	0.003	0.006	Standard	No Exceedance
G54L	PMP	E010	Arsenic, total	mg/L	04/14/21 - 07/09/25	18	0	CB around linear reg	-0.00166	0.010	Standard	No Exceedance
G54L	PMP	E010	Barium, total	mg/L	04/14/21 - 07/09/25	18	0	CB around linear reg	0.2	2.0	Standard	No Exceedance
G54L	PMP	E010	Beryllium, total	mg/L	04/14/21 - 07/09/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G54L	PMP	E010	Boron, total	mg/L	04/14/21 - 07/09/25	19	21	CI around geomean	0.013	2	Standard	No Exceedance
G54L	PMP	E010	Cadmium, total	mg/L	04/14/21 - 07/09/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G54L	PMP	E010	Chloride, total	mg/L	04/14/21 - 07/10/25	19	0	CB around linear reg	56.8	200	Standard	No Exceedance
G54L	PMP	E010	Chromium, total	mg/L	04/14/21 - 07/09/25	18	94	CI around median	0.004	0.1	Standard	No Exceedance
G54L	PMP	E010	Cobalt, total	mg/L	04/14/21 - 07/09/25	18	67	CB around T-S line	0.000386	0.006	Standard	No Exceedance
G54L	PMP	E010	Fluoride, total	mg/L	04/14/21 - 07/10/25	19	90	CI around median	0.25	4.0	Standard	No Exceedance
G54L	PMP	E010	Lead, total	mg/L	04/14/21 - 07/09/25	18	100	All ND - Last	0.001	0.0150	Background	No Exceedance
G54L	PMP	E010	Lithium, total	mg/L	04/14/21 - 07/09/25	18	100	All ND - Last	0.02	0.04	Standard	No Exceedance
G54L	PMP	E010	Mercury, total	mg/L	04/14/21 - 07/09/25	18	94	CI around median	0.0002	0.002	Standard	No Exceedance
G54L	PMP	E010	Molybdenum, total	mg/L	04/14/21 - 07/09/25	18	50	CI around median	0.001	0.1	Standard	No Exceedance
G54L	PMP	E010	pH (field)	SU	04/14/21 - 07/09/25	25	0	CI around median	6.5/6.6	6.5/9.0	Standard/Standard	No Exceedance
G54L	PMP	E010	Radium 226 + Radium 228, total	pCi/L	04/14/21 - 07/09/25	18	0	CI around mean	0.465	5	Standard	No Exceedance
G54L	PMP	E010	Selenium, total	mg/L	04/14/21 - 07/09/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
G54L	PMP	E010	Sulfate, total	mg/L	04/14/21 - 07/10/25	19	0	CB around linear reg	121	400	Standard	No Exceedance
G54L	PMP	E010	Thallium, total	mg/L	04/14/21 - 07/09/25	18	100	All ND - Last	0.001	0.002	Standard	No Exceedance
G54L	PMP	E010	Total Dissolved Solids	mg/L	04/14/21 - 07/10/25	25	0	CB around linear reg	875	1,200	Standard	No Exceedance
G54S	UA	E010	Antimony, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.003	0.006	Standard	No Exceedance
G54S	UA	E010	Arsenic, total	mg/L	12/04/15 - 07/07/25	18	22	CI around geomean	0.00111	0.010	Standard	No Exceedance
G54S	UA	E010	Barium, total	mg/L	12/04/15 - 07/07/25	18	0	CI around mean	0.21	2.0	Standard	No Exceedance
G54S	UA	E010	Beryllium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G54S	UA	E010	Boron, total	mg/L	12/04/15 - 07/07/25	32	0	CI around mean	0.0312	2	Standard	No Exceedance
G54S	UA	E010	Cadmium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G54S	UA	E010	Chloride, total	mg/L	12/04/15 - 07/07/25	30	7	CB around linear reg	3.98	200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
DUCK CREEK POWER PLANT
GMF POND
CANTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
G54S	UA	E010	Chromium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.004	0.1	Standard	No Exceedance
G54S	UA	E010	Cobalt, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.002	0.006	Standard	No Exceedance
G54S	UA	E010	Fluoride, total	mg/L	12/04/15 - 07/07/25	31	81	CI around median	0.25	4.0	Standard	No Exceedance
G54S	UA	E010	Lead, total	mg/L	12/04/15 - 07/07/25	18	94	CI around median	0.001	0.0150	Background	No Exceedance
G54S	UA	E010	Lithium, total	mg/L	12/04/15 - 07/07/25	18	83	CB around T-S line	0.01	0.04	Standard	No Exceedance
G54S	UA	E010	Mercury, total	mg/L	12/04/15 - 07/07/25	18	89	CI around median	0.0002	0.002	Standard	No Exceedance
G54S	UA	E010	Molybdenum, total	mg/L	12/04/15 - 07/07/25	18	17	CB around T-S line	0.000816	0.1	Standard	No Exceedance
G54S	UA	E010	pH (field)	SU	12/04/15 - 07/07/25	40	0	CB around T-S line	6.6/6.7	6.5/9.0	Standard/Standard	No Exceedance
G54S	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/04/15 - 07/07/25	18	0	CI around geomean	0.502	5	Standard	No Exceedance
G54S	UA	E010	Selenium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
G54S	UA	E010	Sulfate, total	mg/L	12/04/15 - 07/07/25	30	0	CB around T-S line	27.6	400	Standard	No Exceedance
G54S	UA	E010	Thallium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.001	0.002	Standard	No Exceedance
G54S	UA	E010	Total Dissolved Solids	mg/L	12/04/15 - 07/07/25	38	0	CI around mean	519	1,200	Standard	No Exceedance
G57S	UA	E010	Antimony, total	mg/L	12/04/15 - 07/08/25	18	94	CI around median	0.003	0.006	Standard	No Exceedance
G57S	UA	E010	Arsenic, total	mg/L	12/04/15 - 07/08/25	18	100	All ND - Last	0.001	0.010	Standard	No Exceedance
G57S	UA	E010	Barium, total	mg/L	12/04/15 - 07/08/25	18	0	CB around linear reg	0.183	2.0	Standard	No Exceedance
G57S	UA	E010	Beryllium, total	mg/L	12/04/15 - 07/08/25	18	94	CI around median	0.001	0.004	Standard	No Exceedance
G57S	UA	E010	Boron, total	mg/L	12/04/15 - 07/08/25	31	52	CI around median	0.01	2	Standard	No Exceedance
G57S	UA	E010	Cadmium, total	mg/L	12/04/15 - 07/08/25	18	94	CI around median	0.001	0.005	Standard	No Exceedance
G57S	UA	E010	Chloride, total	mg/L	12/04/15 - 07/08/25	31	0	CI around median	18	200	Standard	No Exceedance
G57S	UA	E010	Chromium, total	mg/L	12/04/15 - 07/08/25	18	100	All ND - Last	0.004	0.1	Standard	No Exceedance
G57S	UA	E010	Cobalt, total	mg/L	12/04/15 - 07/08/25	18	100	All ND - Last	0.002	0.006	Standard	No Exceedance
G57S	UA	E010	Fluoride, total	mg/L	12/04/15 - 07/08/25	32	47	CI around median	0.25	4.0	Standard	No Exceedance
G57S	UA	E010	Lead, total	mg/L	12/04/15 - 07/08/25	18	83	CI around median	0.001	0.0150	Background	No Exceedance
G57S	UA	E010	Lithium, total	mg/L	12/04/15 - 07/08/25	18	100	All ND - Last	0.02	0.04	Standard	No Exceedance
G57S	UA	E010	Mercury, total	mg/L	12/04/15 - 07/08/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G57S	UA	E010	Molybdenum, total	mg/L	12/04/15 - 07/08/25	18	89	CI around median	0.001	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
DUCK CREEK POWER PLANT
GMF POND
CANTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
G57S	UA	E010	pH (field)	SU	12/04/15 - 07/08/25	38	0	CB around linear reg	6.5/6.8	6.5/9.0	Standard/Standard	No Exceedance
G57S	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/04/15 - 07/08/25	18	0	CI around mean	0.309	5	Standard	No Exceedance
G57S	UA	E010	Selenium, total	mg/L	12/04/15 - 07/08/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
G57S	UA	E010	Sulfate, total	mg/L	12/04/15 - 07/08/25	30	0	CB around linear reg	46.4	400	Standard	No Exceedance
G57S	UA	E010	Thallium, total	mg/L	12/04/15 - 07/08/25	18	94	CI around median	0.001	0.002	Standard	No Exceedance
G57S	UA	E010	Total Dissolved Solids	mg/L	12/04/15 - 07/08/25	38	0	CB around linear reg	828	1,200	Standard	No Exceedance
G60L	PMP	E010	Antimony, total	mg/L	04/14/21 - 07/16/25	18	100	All ND - Last	0.003	0.006	Standard	No Exceedance
G60L	PMP	E010	Arsenic, total	mg/L	04/14/21 - 07/16/25	18	94	CI around median	0.001	0.010	Standard	No Exceedance
G60L	PMP	E010	Barium, total	mg/L	04/14/21 - 07/16/25	18	0	CB around T-S line	0.0257	2.0	Standard	No Exceedance
G60L	PMP	E010	Beryllium, total	mg/L	04/14/21 - 07/16/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G60L	PMP	E010	Boron, total	mg/L	04/14/21 - 07/16/25	19	0	CI around geomean	0.0251	2	Standard	No Exceedance
G60L	PMP	E010	Cadmium, total	mg/L	04/14/21 - 07/16/25	18	94	CI around median	0.001	0.005	Standard	No Exceedance
G60L	PMP	E010	Chloride, total	mg/L	04/14/21 - 07/16/25	19	0	CB around linear reg	4.62	200	Standard	No Exceedance
G60L	PMP	E010	Chromium, total	mg/L	04/14/21 - 07/16/25	18	89	CI around median	0.004	0.1	Standard	No Exceedance
G60L	PMP	E010	Cobalt, total	mg/L	04/14/21 - 07/16/25	20	10	CB around T-S line	0.00623	0.006	Standard	Exceedance
G60L	PMP	E010	Fluoride, total	mg/L	04/14/21 - 07/16/25	19	100	All ND - Last	0.25	4.0	Standard	No Exceedance
G60L	PMP	E010	Lead, total	mg/L	04/14/21 - 07/16/25	18	83	CI around median	0.001	0.0150	Background	No Exceedance
G60L	PMP	E010	Lithium, total	mg/L	04/14/21 - 07/16/25	18	100	All ND - Last	0.02	0.04	Standard	No Exceedance
G60L	PMP	E010	Mercury, total	mg/L	04/14/21 - 07/16/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G60L	PMP	E010	Molybdenum, total	mg/L	04/14/21 - 07/16/25	18	94	Most recent sample	0.001	0.1	Standard	No Exceedance
G60L	PMP	E010	pH (field)	SU	04/14/21 - 07/16/25	27	0	CI around median	6.1/6.2	6.5/9.0	Standard/Standard	Exceedance
G60L	PMP	E010	Radium 226 + Radium 228, total	pCi/L	04/14/21 - 07/16/25	18	0	CI around mean	0.387	5	Standard	No Exceedance
G60L	PMP	E010	Selenium, total	mg/L	04/14/21 - 07/16/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
G60L	PMP	E010	Sulfate, total	mg/L	04/14/21 - 07/16/25	19	5	CI around mean	157	400	Standard	No Exceedance
G60L	PMP	E010	Thallium, total	mg/L	04/14/21 - 07/16/25	18	100	All ND - Last	0.001	0.002	Standard	No Exceedance
G60L	PMP	E010	Total Dissolved Solids	mg/L	04/14/21 - 07/16/25	25	0	CI around mean	531	1,200	Standard	No Exceedance
G60S	UA	E010	Antimony, total	mg/L	12/04/15 - 07/16/25	18	100	All ND - Last	0.003	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
DUCK CREEK POWER PLANT
GMF POND
CANTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
G60S	UA	E010	Arsenic, total	mg/L	12/04/15 - 07/16/25	18	17	CI around geomean	0.00156	0.010	Standard	No Exceedance
G60S	UA	E010	Barium, total	mg/L	12/04/15 - 07/16/25	18	0	CI around geomean	0.147	2.0	Standard	No Exceedance
G60S	UA	E010	Beryllium, total	mg/L	12/04/15 - 07/16/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G60S	UA	E010	Boron, total	mg/L	12/04/15 - 07/16/25	33	6	CI around geomean	0.0166	2	Standard	No Exceedance
G60S	UA	E010	Cadmium, total	mg/L	12/04/15 - 07/16/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G60S	UA	E010	Chloride, total	mg/L	12/04/15 - 07/16/25	31	0	CB around T-S line	3.86	200	Standard	No Exceedance
G60S	UA	E010	Chromium, total	mg/L	12/04/15 - 07/16/25	18	56	CI around median	0.004	0.1	Standard	No Exceedance
G60S	UA	E010	Cobalt, total	mg/L	12/04/15 - 07/16/25	18	78	CI around median	0.002	0.006	Standard	No Exceedance
G60S	UA	E010	Fluoride, total	mg/L	12/04/15 - 07/16/25	32	56	CB around T-S line	0.207	4.0	Standard	No Exceedance
G60S	UA	E010	Lead, total	mg/L	12/04/15 - 07/16/25	18	50	CI around median	0.001	0.0150	Background	No Exceedance
G60S	UA	E010	Lithium, total	mg/L	12/04/15 - 07/16/25	18	83	CB around T-S line	0.01	0.04	Standard	No Exceedance
G60S	UA	E010	Mercury, total	mg/L	12/04/15 - 07/16/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G60S	UA	E010	Molybdenum, total	mg/L	12/04/15 - 07/16/25	18	44	CI around median	0.001	0.1	Standard	No Exceedance
G60S	UA	E010	pH (field)	SU	12/04/15 - 07/16/25	39	0	CI around mean	6.7/6.8	6.5/9.0	Standard/Standard	No Exceedance
G60S	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/04/15 - 07/16/25	18	0	CI around geomean	0.876	5	Standard	No Exceedance
G60S	UA	E010	Selenium, total	mg/L	12/04/15 - 07/16/25	18	89	CI around median	0.001	0.05	Standard	No Exceedance
G60S	UA	E010	Sulfate, total	mg/L	12/04/15 - 07/16/25	32	0	CI around median	67	400	Standard	No Exceedance
G60S	UA	E010	Thallium, total	mg/L	12/04/15 - 07/16/25	18	100	All ND - Last	0.001	0.002	Standard	No Exceedance
G60S	UA	E010	Total Dissolved Solids	mg/L	12/04/15 - 07/16/25	39	0	CI around median	560	1,200	Standard	No Exceedance
G64L	PMP	E010	Antimony, total	mg/L	05/15/23 - 07/07/25	10	100	All ND - Last	0.003	0.006	Standard	No Exceedance
G64L	PMP	E010	Arsenic, total	mg/L	05/15/23 - 07/07/25	10	80	CI around median	0.001	0.010	Standard	No Exceedance
G64L	PMP	E010	Barium, total	mg/L	05/15/23 - 07/07/25	10	0	CI around mean	0.0951	2.0	Standard	No Exceedance
G64L	PMP	E010	Beryllium, total	mg/L	05/15/23 - 07/07/25	10	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G64L	PMP	E010	Boron, total	mg/L	01/11/23 - 07/07/25	11	46	CI around median	0.01	2	Standard	No Exceedance
G64L	PMP	E010	Cadmium, total	mg/L	05/15/23 - 07/07/25	10	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G64L	PMP	E010	Chloride, total	mg/L	01/11/23 - 07/07/25	11	18	CI around mean	2.04	200	Standard	No Exceedance
G64L	PMP	E010	Chromium, total	mg/L	05/15/23 - 07/07/25	10	80	CI around median	0.004	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
DUCK CREEK POWER PLANT
GMF POND
CANTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
G64L	PMP	E010	Cobalt, total	mg/L	05/15/23 - 07/07/25	10	100	All ND - Last	0.002	0.006	Standard	No Exceedance
G64L	PMP	E010	Fluoride, total	mg/L	01/11/23 - 07/07/25	11	36	CI around median	0.25	4.0	Standard	No Exceedance
G64L	PMP	E010	Lead, total	mg/L	05/15/23 - 07/07/25	10	80	CI around median	0.001	0.0150	Background	No Exceedance
G64L	PMP	E010	Lithium, total	mg/L	05/15/23 - 07/07/25	10	100	All ND - Last	0.02	0.04	Standard	No Exceedance
G64L	PMP	E010	Mercury, total	mg/L	05/15/23 - 07/07/25	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G64L	PMP	E010	Molybdenum, total	mg/L	05/15/23 - 07/07/25	10	50	CI around median	0.001	0.1	Standard	No Exceedance
G64L	PMP	E010	pH (field)	SU	05/21/21 - 07/07/25	18	0	CI around geomean	6.8/7.1	6.5/9.0	Standard/Standard	No Exceedance
G64L	PMP	E010	Radium 226 + Radium 228, total	pCi/L	05/15/23 - 07/07/25	10	0	CI around mean	0.277	5	Standard	No Exceedance
G64L	PMP	E010	Selenium, total	mg/L	05/15/23 - 07/07/25	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
G64L	PMP	E010	Sulfate, total	mg/L	01/11/23 - 07/07/25	11	0	CI around mean	27	400	Standard	No Exceedance
G64L	PMP	E010	Thallium, total	mg/L	05/15/23 - 07/07/25	10	100	All ND - Last	0.001	0.002	Standard	No Exceedance
G64L	PMP	E010	Total Dissolved Solids	mg/L	05/21/21 - 07/07/25	18	0	CI around mean	560	1,200	Standard	No Exceedance
G64S	UA	E010	Antimony, total	mg/L	12/04/15 - 07/07/25	18	94	CI around median	0.003	0.006	Standard	No Exceedance
G64S	UA	E010	Arsenic, total	mg/L	12/04/15 - 07/07/25	18	28	CB around linear reg	0.000141	0.010	Standard	No Exceedance
G64S	UA	E010	Barium, total	mg/L	12/04/15 - 07/07/25	18	0	CB around linear reg	0.14	2.0	Standard	No Exceedance
G64S	UA	E010	Beryllium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
G64S	UA	E010	Boron, total	mg/L	12/04/15 - 07/07/25	31	3	CI around geomean	0.0156	2	Standard	No Exceedance
G64S	UA	E010	Cadmium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
G64S	UA	E010	Chloride, total	mg/L	12/04/15 - 07/07/25	30	7	CI around geomean	3.17	200	Standard	No Exceedance
G64S	UA	E010	Chromium, total	mg/L	12/04/15 - 07/07/25	18	94	CI around median	0.004	0.1	Standard	No Exceedance
G64S	UA	E010	Cobalt, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.002	0.006	Standard	No Exceedance
G64S	UA	E010	Fluoride, total	mg/L	12/04/15 - 07/07/25	32	25	CI around mean	0.287	4.0	Standard	No Exceedance
G64S	UA	E010	Lead, total	mg/L	12/04/15 - 07/07/25	18	72	CB around T-S line	-0.000937	0.0150	Background	No Exceedance
G64S	UA	E010	Lithium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.02	0.04	Standard	No Exceedance
G64S	UA	E010	Mercury, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
G64S	UA	E010	Molybdenum, total	mg/L	12/04/15 - 07/07/25	18	11	CI around mean	0.00112	0.1	Standard	No Exceedance
G64S	UA	E010	pH (field)	SU	12/04/15 - 07/07/25	39	0	CI around median	6.8/7.0	6.5/9.0	Standard/Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
DUCK CREEK POWER PLANT
GMF POND
CANTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
G64S	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/04/15 - 07/07/25	18	0	CI around mean	0.548	5	Standard	No Exceedance
G64S	UA	E010	Selenium, total	mg/L	12/04/15 - 07/07/25	18	94	CI around median	0.001	0.05	Standard	No Exceedance
G64S	UA	E010	Sulfate, total	mg/L	12/04/15 - 07/07/25	30	0	CB around linear reg	21	400	Standard	No Exceedance
G64S	UA	E010	Thallium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.001	0.002	Standard	No Exceedance
G64S	UA	E010	Total Dissolved Solids	mg/L	12/04/15 - 07/07/25	37	0	CI around median	420	1,200	Standard	No Exceedance

Notes:
Compliance Result:
No Exceedance: the statistical result did not exceed the GWPS.
Exceedance: The statistical result exceeded the GWPS.

Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) as part of Illinois Power Resources Generating, LLC’s (IPRG’s) operating permit application for the GMF Pond. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, IPRG has not identified any actual exceedances.

Events:
E010 = Quarter 3, 2025 sampling event
HSU = hydrostratigraphic unit:
PMP = Potential Migration Pathway
UA = Uppermost Aquifer
mg/L = milligrams per liter
ND = non-detect
pCi/L = picocuries per liter
SU = standard units
Sample Count = number of samples from Sampled Date Range used to calculate the Statistical Result
Statistical Calculation = method used to calculate the statistical result:
All ND - Last = All results were below the reporting limit, and the last determined reporting limit is shown.
CB around linear reg = Confidence band around linear regression
CB around T-S line = Confidence band around Thiel-Sen line
CI around geomean = Confidence interval around the geometric mean
CI around mean = Confidence interval around the mean
CI around median = Confidence interval around the median
Most recent sample = Result for the most recently collected sample used due to insufficient data.
Statistical Result = calculated in accordance with the Statistical Analysis Plan using constituent concentrations observed at each monitoring well during all sampling events within the specified date range
Statistical Result Code (if applicable):
NR¹ = Parameter not analyzed.
NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS³ = The location was not accessible; therefore, a sample was not collected.
NS⁴ = The location could not be found; therefore, a sample was not collected.
NS⁵ = The location was damaged; therefore, a sample was not collected.
NS⁶ = Sampling pump could not yield a sample.
NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS⁸ = A sample was not collected.
PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
For pH, the values presented are the lower / upper limits
GWPS Source:
Background = background concentration
Standard = standard specified in 35 I.A.C. § 845.600(a)(1)

FIGURES



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- CCR SOURCE WATER SAMPLE
- STAFF GAGE, CCR UNIT

- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE
- PROPERTY BOUNDARY

MONITORING WELL LOCATION MAP



35 I.A.C. § 845.610(b)(3)(D) GROUNDWATER MONITORING DATA AND
DETECTED EXCEEDANCES REPORT QUARTER 3, 2025
GYPSUM MANAGEMENT FACILITY (GMF) POND
DUCK CREEK POWER PLANT
CANTON, ILLINOIS

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



ATTACHMENTS

**ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 3, 2025**

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 3, 2025
845 QUARTERLY REPORT
DUCK CREEK POWER PLANT
GMF POND
CANTON, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
G02S	Background	07/01/2025	8.98	612.81
G50S	Background	07/02/2025	14.52	609.08
G51S	Background	07/02/2025	15.77	603.58
G54L	Compliance	07/01/2025	29.60	593.26
G54S	Compliance	07/01/2025	30.21	592.74
G57S	Compliance	07/01/2025	23.18	599.39
G60L	Compliance	07/01/2025	15.24	600.02
G60S	Compliance	07/01/2025	24.31	590.56
G64L	Compliance	07/01/2025	22.46	600.06
G64S	Compliance	07/01/2025	23.74	599.30
XSG01	Water Level	07/23/2025	[33.80]	[586.33]

Notes:
BMP = below measuring point
Bracketing [] indicates that the measurement was obtained outside of the 24-hour period from initiation of depth to groundwater measurements.
Depth to Groundwater/Groundwater Elevation Code (if applicable):
DM¹ = Depth to water was not measured.
DM² = Depth to water was not measured because water was above or below the staff gage markings.
DM³ = Depth to water was not measured because the location was inaccessible.
DM⁴ = Depth to water was not measured because water level was below the top of the pump.
DM⁵ = Depth to water was not measured because water level was above the top of casing (artesian well).
DM⁶ = Depth to water was not measured because of damage to the well.
DM⁷ = Depth to water was not measured due to required pressure transducer maintenance.
DM⁸ = Lab provided groundwater elevation data and not depth to water.
NAVD88 = North American Vertical Datum of 1988

**ATTACHMENT B
LABORATORY REPORTS AND FIELD DATA SHEETS
QUARTER 3, 2025**



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

August 24, 2025

Daryl Johnson
Vistra - Duck Creek
17751 North Cilco Road
Canton, IL 61520-8761

RE: DC 25Q3

Dear Daryl Johnson:

Please find enclosed the analytical results for the **119** sample(s) the laboratory received on **7/7/25 5:30 pm** and logged in under work order **IG00949**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise . We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lisa.grant@pacelabs.com.

A handwritten signature in black ink that reads "Diane Billings". The signature is written in a cursive, flowing style.

Diane Billings
Project Manager



Case Narrative

A DTW could not be taken at G67S because the water level was below the pump. G07L, G08L, G09L, G72L, P37L and X301 were dry. X301 has no access point to take the DTW measurement. The original report was issued 8/1/25. Field data was missing from BA05, G06L, G15L, G50L, G59S, G60L, G60S, L103, OM04S, OR13S, OR13D, OR19. G67S, OM01 AND OR02 were revised to include updated turbidity numbers. Batch QAQC for B537765 was revised to remove a flag.



ANALYTICAL RESULTS

Sample: IG00949-01
Name: G51S
Matrix: Ground Water - Grab

Sampled: 07/07/25 12:30
Received: 07/07/25 17:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	18	mg/L	Q4	07/09/25 14:45	10	10	07/09/25 14:45	JSM	EPA 300.0 REV 2.1
Fluoride	0.342	mg/L		07/09/25 12:58	1	0.250	07/09/25 12:58	JSM	EPA 300.0 REV 2.1
Sulfate	65	mg/L	Q4	07/09/25 14:45	10	10	07/09/25 14:45	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	16.07	Feet		07/07/25 12:30	1		07/07/25 12:30	FIELD	Field*
Dissolved oxygen, Field	9.7	mg/L		07/07/25 12:30	1		07/07/25 12:30	FIELD	Field*
Oxidation Reduction Potential	-47.0	mV		07/07/25 12:30	1	-500	07/07/25 12:30	FIELD	Field*
pH, Field Measured	6.92	pH Units		07/07/25 12:30	1		07/07/25 12:30	FIELD	Field*
Specific Conductance, Field Measured	593.0	umhos/cm		07/07/25 12:30	1		07/07/25 12:30	FIELD	Field*
Temperature, Field Measured	16.4	°C		07/07/25 12:30	1		07/07/25 12:30	FIELD	Field*
Turbidity, Field Measured	24.6	NTU		07/07/25 12:30	1	0.00	07/07/25 12:30	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO ₃	300	mg/L		07/11/25 09:15	1	10	07/11/25 09:15	CFM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO ₃	< 10	mg/L		07/11/25 09:15	1	10	07/11/25 09:15	CFM	SM 2320 B-2011*
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	410	mg/L		07/08/25 10:56	1	26	07/08/25 14:02	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		07/14/25 09:45	5	3.0	07/16/25 12:42	TJJ	EPA 6020A
Arsenic	3.5	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:42	TJJ	EPA 6020A
Barium	94	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:42	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:42	TJJ	EPA 6020A
Boron	15	ug/L		07/14/25 09:45	5	10	07/17/25 12:45	TJJ	EPA 6020A
Cadmium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:42	TJJ	EPA 6020A
Calcium	99	mg/L		07/14/25 09:45	5	0.20	07/16/25 12:42	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		07/14/25 09:45	5	4.0	07/16/25 12:42	TJJ	EPA 6020A
Cobalt	< 2.0	ug/L		07/14/25 09:45	5	2.0	07/16/25 12:42	TJJ	EPA 6020A
Lead	3.4	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:42	TJJ	EPA 6020A



ANALYTICAL RESULTS

Sample: IG00949-01

Name: G51S

Matrix: Ground Water - Grab

Sampled: 07/07/25 12:30

Received: 07/07/25 17:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Magnesium	42	mg/L		07/14/25 09:45	5	0.10	07/16/25 12:42	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		07/14/25 09:45	5	0.20	07/16/25 12:42	TJJ	EPA 6020A
Molybdenum	1.1	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:42	TJJ	EPA 6020A
Potassium	0.37	mg/L		07/14/25 09:45	5	0.10	07/16/25 12:42	TJJ	EPA 6020A
Selenium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:42	TJJ	EPA 6020A
Sodium	7.7	mg/L		07/14/25 09:45	5	0.10	07/16/25 12:42	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:42	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		07/14/25 09:45	1	0.020	07/17/25 14:32	TJJ	EPA 6010B



ANALYTICAL RESULTS

Sample: IG00949-05
Name: G50S
Matrix: Ground Water - Grab

Sampled: 07/07/25 14:21
Received: 07/07/25 17:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<u>Anions - PIA</u>									
Chloride	15	mg/L		07/09/25 18:37	10	10	07/09/25 18:37	JSM	EPA 300.0 REV 2.1
Fluoride	0.334	mg/L		07/09/25 18:18	1	0.250	07/09/25 18:18	JSM	EPA 300.0 REV 2.1
Sulfate	35	mg/L		07/09/25 18:37	10	10	07/09/25 18:37	JSM	EPA 300.0 REV 2.1
<u>Field - PIA</u>									
Depth, From Measuring Point	13.73	Feet		07/07/25 14:21	1		07/07/25 14:21	FIELD	Field*
Dissolved oxygen, Field	1.0	mg/L		07/07/25 14:21	1		07/07/25 14:21	FIELD	Field*
Oxidation Reduction Potential	-111	mV		07/07/25 14:21	1	-500	07/07/25 14:21	FIELD	Field*
pH, Field Measured	7.05	pH Units		07/07/25 14:21	1		07/07/25 14:21	FIELD	Field*
Specific Conductance, Field Measured	600.0	umhos/cm		07/07/25 14:21	1		07/07/25 14:21	FIELD	Field*
Temperature, Field Measured	17.1	°C		07/07/25 14:21	1		07/07/25 14:21	FIELD	Field*
Turbidity, Field Measured	1.20	NTU		07/07/25 14:21	1	0.00	07/07/25 14:21	FIELD	Field*
<u>General Chemistry - PIA</u>									
Alkalinity - bicarbonate as CaCO ₃	310	mg/L		07/11/25 09:15	1	10	07/11/25 09:15	CFM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO ₃	< 10	mg/L		07/11/25 09:15	1	10	07/11/25 09:15	CFM	SM 2320 B-2011*
<u>Soluble General Chemistry - PIA</u>									
Solids - total dissolved solids (TDS)	380	mg/L		07/09/25 11:26	1	26	07/09/25 14:09	ENH	SM 2540 C-2011
<u>Total Metals - PIA</u>									
Antimony	< 3.0	ug/L		07/14/25 09:45	5	3.0	07/16/25 12:57	TJJ	EPA 6020A
Arsenic	1.1	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:57	TJJ	EPA 6020A
Barium	140	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:57	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:57	TJJ	EPA 6020A
Boron	11	ug/L		07/14/25 09:45	5	10	07/18/25 11:24	TJJ	EPA 6020A
Cadmium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:57	TJJ	EPA 6020A
Calcium	93	mg/L		07/14/25 09:45	5	0.20	07/16/25 12:57	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		07/14/25 09:45	5	4.0	07/16/25 12:57	TJJ	EPA 6020A
Cobalt	< 2.0	ug/L		07/14/25 09:45	5	2.0	07/16/25 12:57	TJJ	EPA 6020A
Lead	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:57	TJJ	EPA 6020A
Magnesium	37	mg/L		07/14/25 09:45	5	0.10	07/16/25 12:57	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		07/14/25 09:45	5	0.20	07/16/25 12:57	TJJ	EPA 6020A



ANALYTICAL RESULTS

Sample: IG00949-05

Name: G50S

Matrix: Ground Water - Grab

Sampled: 07/07/25 14:21

Received: 07/07/25 17:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Molybdenum	1.1	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:57	TJJ	EPA 6020A
Potassium	0.38	mg/L		07/14/25 09:45	5	0.10	07/16/25 12:57	TJJ	EPA 6020A
Selenium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:57	TJJ	EPA 6020A
Sodium	8.7	mg/L		07/14/25 09:45	5	0.10	07/16/25 12:57	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:57	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		07/14/25 09:45	1	0.020	07/17/25 14:33	TJJ	EPA 6010B



ANALYTICAL RESULTS

Sample: IG00949-09
Name: G54S
Matrix: Ground Water - Grab

Sampled: 07/07/25 15:15
Received: 07/07/25 17:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	7.5	mg/L		07/09/25 19:55	1	1.0	07/09/25 19:55	JSM	EPA 300.0 REV 2.1
Fluoride	< 0.250	mg/L		07/09/25 19:55	1	0.250	07/09/25 19:55	JSM	EPA 300.0 REV 2.1
Sulfate	32	mg/L		07/09/25 20:14	10	10	07/09/25 20:14	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	30.44	Feet		07/07/25 15:15	1		07/07/25 15:15	FIELD	Field*
Dissolved oxygen, Field	0.55	mg/L		07/07/25 15:15	1		07/07/25 15:15	FIELD	Field*
Oxidation Reduction Potential	-73.0	mV		07/07/25 15:15	1	-500	07/07/25 15:15	FIELD	Field*
pH, Field Measured	6.81	pH Units		07/07/25 15:15	1		07/07/25 15:15	FIELD	Field*
Specific Conductance, Field Measured	729.0	umhos/cm		07/07/25 15:15	1		07/07/25 15:15	FIELD	Field*
Temperature, Field Measured	19.3	°C		07/07/25 15:15	1		07/07/25 15:15	FIELD	Field*
Turbidity, Field Measured	< 0.00	NTU		07/07/25 15:15	1	0.00	07/07/25 15:15	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO ₃	480	mg/L		07/11/25 09:15	1	10	07/11/25 09:15	CFM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO ₃	< 10	mg/L		07/11/25 09:15	1	10	07/11/25 09:15	CFM	SM 2320 B-2011*
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	540	mg/L		07/09/25 11:26	1	26	07/09/25 14:09	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		07/14/25 09:45	5	3.0	07/16/25 13:12	TJJ	EPA 6020A
Arsenic	1.8	ug/L		07/14/25 09:45	5	1.0	07/16/25 13:12	TJJ	EPA 6020A
Barium	200	ug/L		07/14/25 09:45	5	1.0	07/16/25 13:12	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 13:12	TJJ	EPA 6020A
Boron	27	ug/L		07/14/25 09:45	5	10	07/18/25 11:38	TJJ	EPA 6020A
Cadmium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 13:12	TJJ	EPA 6020A
Calcium	130	mg/L		07/14/25 09:45	5	0.20	07/16/25 13:12	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		07/14/25 09:45	5	4.0	07/16/25 13:12	TJJ	EPA 6020A
Cobalt	< 2.0	ug/L		07/14/25 09:45	5	2.0	07/16/25 13:12	TJJ	EPA 6020A
Lead	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 13:12	TJJ	EPA 6020A
Magnesium	55	mg/L		07/14/25 09:45	5	0.10	07/16/25 13:12	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		07/14/25 09:45	5	0.20	07/16/25 13:12	TJJ	EPA 6020A



ANALYTICAL RESULTS

Sample: IG00949-09

Name: G54S

Matrix: Ground Water - Grab

Sampled: 07/07/25 15:15

Received: 07/07/25 17:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Molybdenum	1.1	ug/L		07/14/25 09:45	5	1.0	07/16/25 13:12	TJJ	EPA 6020A
Potassium	0.76	mg/L		07/14/25 09:45	5	0.10	07/16/25 13:12	TJJ	EPA 6020A
Selenium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 13:12	TJJ	EPA 6020A
Sodium	11	mg/L		07/14/25 09:45	5	0.10	07/16/25 13:12	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 13:12	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		07/14/25 09:45	1	0.020	07/17/25 14:34	TJJ	EPA 6010B



ANALYTICAL RESULTS

Sample: IG00949-10

Name: G64L

Matrix: Ground Water - Grab

Sampled: 07/07/25 13:30

Received: 07/07/25 17:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	4.0	mg/L		07/09/25 20:34	1	1.0	07/09/25 20:34	JSM	EPA 300.0 REV 2.1
Fluoride	0.310	mg/L		07/09/25 20:34	1	0.250	07/09/25 20:34	JSM	EPA 300.0 REV 2.1
Sulfate	27	mg/L		07/09/25 20:53	25	25	07/09/25 20:53	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	22.71	Feet		07/07/25 13:30	1		07/07/25 13:30	FIELD	Field*
Dissolved oxygen, Field	2.0	mg/L		07/07/25 13:30	1		07/07/25 13:30	FIELD	Field*
Oxidation Reduction Potential	231	mV		07/07/25 13:30	1	-500	07/07/25 13:30	FIELD	Field*
pH, Field Measured	7.11	pH Units		07/07/25 13:30	1		07/07/25 13:30	FIELD	Field*
Specific Conductance, Field Measured	1140	umhos/cm		07/07/25 13:30	1		07/07/25 13:30	FIELD	Field*
Temperature, Field Measured	17.2	°C		07/07/25 13:30	1		07/07/25 13:30	FIELD	Field*
Turbidity, Field Measured	< 0.00	NTU		07/07/25 13:30	1	0.00	07/07/25 13:30	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO ₃	520	mg/L		07/11/25 09:15	1	10	07/11/25 09:15	CFM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO ₃	< 10	mg/L		07/11/25 09:15	1	10	07/11/25 09:15	CFM	SM 2320 B-2011*
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	600	mg/L		07/09/25 11:26	1	26	07/09/25 14:09	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		07/14/25 09:45	5	3.0	07/16/25 13:23	TJJ	EPA 6020A
Arsenic	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 13:23	TJJ	EPA 6020A
Barium	100	ug/L		07/14/25 09:45	5	1.0	07/16/25 13:23	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L	V2	07/14/25 09:45	5	1.0	07/18/25 11:42	TJJ	EPA 6020A
Boron	< 10	ug/L		07/14/25 09:45	5	10	07/18/25 11:42	TJJ	EPA 6020A
Cadmium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 13:23	TJJ	EPA 6020A
Calcium	130	mg/L		07/14/25 09:45	5	0.20	07/16/25 13:23	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		07/14/25 09:45	5	4.0	07/16/25 13:23	TJJ	EPA 6020A
Cobalt	< 2.0	ug/L		07/14/25 09:45	5	2.0	07/16/25 13:23	TJJ	EPA 6020A
Lead	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 13:23	TJJ	EPA 6020A
Magnesium	73	mg/L		07/14/25 09:45	5	0.10	07/16/25 13:23	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		07/14/25 09:45	5	0.20	07/16/25 13:23	TJJ	EPA 6020A



ANALYTICAL RESULTS

Sample: IG00949-10

Name: G64L

Matrix: Ground Water - Grab

Sampled: 07/07/25 13:30

Received: 07/07/25 17:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Molybdenum	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 13:23	TJJ	EPA 6020A
Potassium	0.21	mg/L		07/14/25 09:45	5	0.10	07/16/25 13:23	TJJ	EPA 6020A
Selenium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 13:23	TJJ	EPA 6020A
Sodium	8.1	mg/L		07/14/25 09:45	5	0.10	07/16/25 13:23	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 13:23	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		07/14/25 09:45	1	0.020	07/17/25 14:35	TJJ	EPA 6010B



ANALYTICAL RESULTS

Sample: IG00949-11
Name: G64S
Matrix: Ground Water - Grab

Sampled: 07/07/25 14:25
Received: 07/07/25 17:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	4.1	mg/L	Q3	07/09/25 21:51	1	1.0	07/09/25 21:51	JSM	EPA 300.0 REV 2.1
Fluoride	0.342	mg/L		07/09/25 21:51	1	0.250	07/09/25 21:51	JSM	EPA 300.0 REV 2.1
Sulfate	26	mg/L	Q4	07/09/25 22:10	5	5.0	07/09/25 22:10	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	23.98	Feet		07/07/25 14:25	1		07/07/25 14:25	FIELD	Field*
Dissolved oxygen, Field	3.2	mg/L		07/07/25 14:25	1		07/07/25 14:25	FIELD	Field*
Oxidation Reduction Potential	-6.00	mV		07/07/25 14:25	1	-500	07/07/25 14:25	FIELD	Field*
pH, Field Measured	6.83	pH Units		07/07/25 14:25	1		07/07/25 14:25	FIELD	Field*
Specific Conductance, Field Measured	841.0	umhos/cm		07/07/25 14:25	1		07/07/25 14:25	FIELD	Field*
Temperature, Field Measured	18.6	°C		07/07/25 14:25	1		07/07/25 14:25	FIELD	Field*
Turbidity, Field Measured	< 0.00	NTU		07/07/25 14:25	1	0.00	07/07/25 14:25	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO ₃	400	mg/L		07/11/25 09:15	1	10	07/11/25 09:15	CFM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO ₃	< 10	mg/L		07/11/25 09:15	1	10	07/11/25 09:15	CFM	SM 2320 B-2011*
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	410	mg/L		07/09/25 11:26	1	26	07/09/25 14:09	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		07/14/25 09:45	5	3.0	07/16/25 12:38	TJJ	EPA 6020A
Arsenic	1.2	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:38	TJJ	EPA 6020A
Barium	160	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:38	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:38	TJJ	EPA 6020A
Boron	33	ug/L		07/14/25 09:45	5	10	07/17/25 12:42	TJJ	EPA 6020A
Cadmium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:38	TJJ	EPA 6020A
Calcium	99	mg/L		07/14/25 09:45	5	0.20	07/16/25 12:38	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		07/14/25 09:45	5	4.0	07/16/25 12:38	TJJ	EPA 6020A
Cobalt	< 2.0	ug/L		07/14/25 09:45	5	2.0	07/16/25 12:38	TJJ	EPA 6020A
Lead	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:38	TJJ	EPA 6020A
Magnesium	45	mg/L		07/14/25 09:45	5	0.10	07/16/25 12:38	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		07/14/25 09:45	5	0.20	07/16/25 12:38	TJJ	EPA 6020A



ANALYTICAL RESULTS

Sample: IG00949-11

Name: G64S

Matrix: Ground Water - Grab

Sampled: 07/07/25 14:25

Received: 07/07/25 17:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Molybdenum	1.4	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:38	TJJ	EPA 6020A
Potassium	0.64	mg/L		07/14/25 09:45	5	0.10	07/16/25 12:38	TJJ	EPA 6020A
Selenium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:38	TJJ	EPA 6020A
Sodium	14	mg/L		07/14/25 09:45	5	0.10	07/16/25 12:38	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		07/14/25 09:45	5	1.0	07/16/25 12:38	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		07/14/25 09:45	1	0.020	07/17/25 14:28	TJJ	EPA 6010B



ANALYTICAL RESULTS

Sample: IG01263-03
Name: G57S
Matrix: Ground Water - Grab

Sampled: 07/08/25 15:52
Received: 07/08/25 16:46

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	20	mg/L		07/14/25 12:32	5	5.0	07/14/25 12:32	JSM	EPA 300.0 REV 2.1
Sulfate	50	mg/L		07/11/25 12:30	10	10	07/11/25 12:30	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	23.66	Feet		07/08/25 15:52	1		07/08/25 15:52	FIELD	Field*
Dissolved oxygen, Field	1.6	mg/L		07/08/25 15:52	1		07/08/25 15:52	FIELD	Field*
Oxidation Reduction Potential	47.0	mV		07/08/25 15:52	1	-500	07/08/25 15:52	FIELD	Field*
pH, Field Measured	6.50	pH Units		07/08/25 15:52	1		07/08/25 15:52	FIELD	Field*
Specific Conductance, Field Measured	1420	umhos/cm		07/08/25 15:52	1		07/08/25 15:52	FIELD	Field*
Temperature, Field Measured	20.1	°C		07/08/25 15:52	1		07/08/25 15:52	FIELD	Field*
Turbidity, Field Measured	< 0.00	NTU		07/08/25 15:52	1	0.00	07/08/25 15:52	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO3	750	mg/L		07/11/25 09:15	1	10	07/11/25 09:15	CFM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO3	< 10	mg/L		07/11/25 09:15	1	10	07/11/25 09:15	CFM	SM 2320 B-2011*
Fluoride	< 0.250	mg/L		07/21/25 15:37	1	0.250	07/21/25 15:37	CRD	SM 4500-F C-2011
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	840	mg/L		07/10/25 12:06	1	26	07/10/25 15:09	CFM	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		07/09/25 09:03	5	3.0	07/10/25 11:22	TJJ	EPA 6020A
Arsenic	< 1.0	ug/L		07/09/25 09:03	5	1.0	07/10/25 11:22	TJJ	EPA 6020A
Barium	190	ug/L		07/09/25 09:03	5	1.0	07/10/25 11:22	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		07/09/25 09:03	5	1.0	07/10/25 11:22	TJJ	EPA 6020A
Boron	< 10	ug/L		07/09/25 09:03	5	10	07/10/25 11:22	TJJ	EPA 6020A
Cadmium	< 1.0	ug/L		07/09/25 09:03	5	1.0	07/10/25 11:22	TJJ	EPA 6020A
Calcium	180	mg/L		07/09/25 09:03	5	0.20	07/10/25 11:22	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		07/09/25 09:03	5	4.0	07/10/25 11:22	TJJ	EPA 6020A
Cobalt	< 2.0	ug/L		07/09/25 09:03	5	2.0	07/10/25 11:22	TJJ	EPA 6020A
Lead	< 1.0	ug/L	B1	07/09/25 09:03	5	1.0	07/14/25 13:10	TJJ	EPA 6020A
Magnesium	100	mg/L		07/09/25 09:03	5	0.10	07/10/25 11:22	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		07/09/25 09:03	5	0.20	07/10/25 11:22	TJJ	EPA 6020A



ANALYTICAL RESULTS

Sample: IG01263-03

Name: G57S

Matrix: Ground Water - Grab

Sampled: 07/08/25 15:52

Received: 07/08/25 16:46

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Molybdenum	< 1.0	ug/L		07/09/25 09:03	5	1.0	07/10/25 11:22	TJJ	EPA 6020A
Potassium	0.35	mg/L		07/09/25 09:03	5	0.10	07/10/25 11:22	TJJ	EPA 6020A
Selenium	< 1.0	ug/L		07/09/25 09:03	5	1.0	07/10/25 11:22	TJJ	EPA 6020A
Sodium	12	mg/L		07/09/25 09:03	5	0.10	07/10/25 11:22	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		07/09/25 09:03	5	1.0	07/10/25 11:22	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		07/09/25 09:03	1	0.020	07/10/25 08:27	TJJ	EPA 6010B



ANALYTICAL RESULTS

Sample: IG01708-01

Name: G54L

Matrix: Ground Water - Grab

Sampled: 07/09/25 16:00

Received: 07/09/25 17:08

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Field - PIA									
Depth, From Measuring Point	29.55	Feet		07/09/25 16:00	1		07/09/25 16:00	FIELD	Field*
Dissolved oxygen, Field	0.98	mg/L		07/09/25 16:00	1		07/09/25 16:00	FIELD	Field*
Oxidation Reduction Potential	-35.0	mV		07/09/25 16:00	1	-500	07/09/25 16:00	FIELD	Field*
pH, Field Measured	6.13	pH Units		07/09/25 16:00	1		07/09/25 16:00	FIELD	Field*
Specific Conductance, Field Measured	1490	umhos/cm		07/09/25 16:00	1		07/09/25 16:00	FIELD	Field*
Temperature, Field Measured	22.1	°C		07/09/25 16:00	1		07/09/25 16:00	FIELD	Field*
Turbidity, Field Measured	< 0.00	NTU		07/09/25 16:00	1	0.00	07/09/25 16:00	FIELD	Field*
Total Metals - PIA									
Antimony	< 3.0	ug/L		07/10/25 09:01	5	3.0	07/14/25 14:03	TJJ	EPA 6020A
Arsenic	7.1	ug/L		07/10/25 09:01	5	1.0	07/14/25 14:03	TJJ	EPA 6020A
Barium	240	ug/L		07/10/25 09:01	5	1.0	07/14/25 14:03	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		07/10/25 09:01	5	1.0	07/14/25 14:03	TJJ	EPA 6020A
Boron	< 10	ug/L		07/10/25 09:01	5	10	07/18/25 12:38	TJJ	EPA 6020A
Cadmium	< 1.0	ug/L		07/10/25 09:01	5	1.0	07/14/25 14:03	TJJ	EPA 6020A
Calcium	220	mg/L		07/10/25 09:01	5	0.20	07/14/25 14:03	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		07/10/25 09:01	5	4.0	07/14/25 14:03	TJJ	EPA 6020A
Cobalt	< 2.0	ug/L		07/10/25 09:01	5	2.0	07/14/25 14:03	TJJ	EPA 6020A
Lead	< 1.0	ug/L		07/10/25 09:01	5	1.0	07/14/25 14:03	TJJ	EPA 6020A
Magnesium	110	mg/L		07/10/25 09:01	5	0.10	07/14/25 14:03	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		07/10/25 09:01	5	0.20	07/14/25 14:03	TJJ	EPA 6020A
Molybdenum	1.0	ug/L		07/10/25 09:01	5	1.0	07/14/25 14:03	TJJ	EPA 6020A
Potassium	0.43	mg/L		07/10/25 09:01	5	0.10	07/14/25 14:03	TJJ	EPA 6020A
Selenium	< 1.0	ug/L		07/10/25 09:01	5	1.0	07/14/25 14:03	TJJ	EPA 6020A
Sodium	17	mg/L		07/10/25 09:01	5	0.10	07/14/25 14:03	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		07/10/25 09:01	5	1.0	07/14/25 14:03	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		07/10/25 09:01	1	0.020	07/17/25 14:42	TJJ	EPA 6010B



ANALYTICAL RESULTS

Sample: IG02053-14

Name: G54L

Matrix: Ground Water - Grab

Sampled: 07/10/25 11:38

Received: 07/10/25 17:29

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	88	mg/L		07/16/25 23:25	25	25	07/16/25 23:25	JSM	EPA 300.0 REV 2.1
Sulfate	150	mg/L		07/16/25 23:25	25	25	07/16/25 23:25	JSM	EPA 300.0 REV 2.1
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO ₃	750	mg/L		07/14/25 09:19	1	10	07/14/25 09:19	CFM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO ₃	< 10	mg/L		07/14/25 09:19	1	10	07/14/25 09:19	CFM	SM 2320 B-2011*
Fluoride	< 0.250	mg/L		07/23/25 12:52	1	0.250	07/23/25 12:52	JMD2	SM 4500-F C-2011
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	1000	mg/L		07/11/25 10:31	1	26	07/11/25 11:49	ENH	SM 2540 C-2011



ANALYTICAL RESULTS

Sample: IG02867-09
Name: G02S
Matrix: Ground Water - Grab

Sampled: 07/15/25 15:30
Received: 07/15/25 16:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<u>Anions - PIA</u>									
Chloride	1.4	mg/L		07/23/25 16:04	1	1.0	07/23/25 16:04	JSM	EPA 300.0 REV 2.1
Fluoride	< 0.250	mg/L		07/23/25 16:04	1	0.250	07/23/25 16:04	JSM	EPA 300.0 REV 2.1
Sulfate	< 1.0	mg/L		07/23/25 16:04	1	1.0	07/23/25 16:04	JSM	EPA 300.0 REV 2.1
<u>Field - PIA</u>									
Depth, From Measuring Point	10.5	Feet		07/15/25 15:30	1		07/15/25 15:30	FIELD	Field*
Dissolved oxygen, Field	1.0	mg/L		07/15/25 15:30	1		07/15/25 15:30	FIELD	Field*
Oxidation Reduction Potential	-97.0	mV		07/15/25 15:30	1	-500	07/15/25 15:30	FIELD	Field*
pH, Field Measured	6.76	pH Units		07/15/25 15:30	1		07/15/25 15:30	FIELD	Field*
Specific Conductance, Field Measured	811.0	umhos/cm		07/15/25 15:30	1		07/15/25 15:30	FIELD	Field*
Temperature, Field Measured	21.1	°C		07/15/25 15:30	1		07/15/25 15:30	FIELD	Field*
Turbidity, Field Measured	28.2	NTU		07/15/25 15:30	1	0.00	07/15/25 15:30	FIELD	Field*
<u>General Chemistry - PIA</u>									
Alkalinity - bicarbonate as CaCO ₃	410	mg/L		07/17/25 10:11	1	10	07/17/25 10:11	CFM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO ₃	< 10	mg/L		07/17/25 10:11	1	10	07/17/25 10:11	CFM	SM 2320 B-2011*
<u>Soluble General Chemistry - PIA</u>									
Solids - total dissolved solids (TDS)	370	mg/L		07/17/25 08:30	1	26	07/17/25 11:52	ENH	SM 2540 C-2011
<u>Total Metals - PIA</u>									
Antimony	< 3.0	ug/L		07/17/25 08:53	5	3.0	07/21/25 15:21	TJJ	EPA 6020A
Arsenic	6.6	ug/L		07/17/25 08:53	5	1.0	07/21/25 15:21	TJJ	EPA 6020A
Barium	190	ug/L		07/17/25 08:53	5	1.0	07/21/25 15:21	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		07/17/25 08:53	5	1.0	07/21/25 15:21	TJJ	EPA 6020A
Boron	39	ug/L		07/17/25 08:53	5	10	07/24/25 14:05	TJJ	EPA 6020A
Cadmium	< 1.0	ug/L		07/17/25 08:53	5	1.0	07/21/25 15:21	TJJ	EPA 6020A
Calcium	98	mg/L		07/17/25 08:53	5	0.20	07/31/25 11:05	WJM	EPA 6020A
Chromium	< 4.0	ug/L		07/17/25 08:53	5	4.0	07/21/25 15:21	TJJ	EPA 6020A
Cobalt	< 2.0	ug/L		07/17/25 08:53	5	2.0	07/21/25 15:21	TJJ	EPA 6020A
Lead	< 1.0	ug/L		07/17/25 08:53	5	1.0	07/21/25 15:21	TJJ	EPA 6020A
Magnesium	38	mg/L		07/17/25 08:53	5	0.10	07/21/25 15:21	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		07/17/25 08:53	5	0.20	07/21/25 15:21	TJJ	EPA 6020A



ANALYTICAL RESULTS

Sample: IG02867-09

Name: G02S

Matrix: Ground Water - Grab

Sampled: 07/15/25 15:30

Received: 07/15/25 16:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Molybdenum	< 1.0	ug/L		07/17/25 08:53	5	1.0	07/21/25 15:21	TJJ	EPA 6020A
Potassium	0.83	mg/L		07/17/25 08:53	5	0.10	07/21/25 15:21	TJJ	EPA 6020A
Selenium	< 1.0	ug/L		07/17/25 08:53	5	1.0	07/21/25 15:21	TJJ	EPA 6020A
Sodium	14	mg/L		07/17/25 08:53	5	0.10	07/21/25 15:21	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		07/17/25 08:53	5	1.0	07/21/25 15:21	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		07/17/25 08:53	1	0.020	07/17/25 15:02	TJJ	EPA 6010B



ANALYTICAL RESULTS

Sample: IG03237-07
Name: G60L
Matrix: Ground Water - Grab

Sampled: 07/16/25 13:20
Received: 07/17/25 16:45

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<u>Anions - PIA</u>									
Chloride	6.3	mg/L		07/24/25 20:22	1	1.0	07/24/25 20:22	JSM	EPA 300.0 REV 2.1
Fluoride	< 0.250	mg/L		07/24/25 20:22	1	0.250	07/24/25 20:22	JSM	EPA 300.0 REV 2.1
Sulfate	170	mg/L		07/24/25 20:57	25	25	07/24/25 20:57	JSM	EPA 300.0 REV 2.1
<u>Field - PIA</u>									
Depth, From Measuring Point	16.46	Feet		07/16/25 13:20	1		07/16/25 13:20	FIELD	Field*
Dissolved oxygen, Field	3.6	mg/L		07/16/25 13:20	1		07/16/25 13:20	FIELD	Field*
Oxidation Reduction Potential	37.0	mV		07/16/25 13:20	1	-500	07/16/25 13:20	FIELD	Field*
pH, Field Measured	6.07	pH Units		07/16/25 13:20	1		07/16/25 13:20	FIELD	Field*
Specific Conductance, Field Measured	686.0	umhos/cm		07/16/25 13:20	1		07/16/25 13:20	FIELD	Field*
Temperature, Field Measured	17.8	°C		07/16/25 13:20	1		07/16/25 13:20	FIELD	Field*
Turbidity, Field Measured	16.9	NTU		07/16/25 13:20	1	0.00	07/16/25 13:20	FIELD	Field*
<u>General Chemistry - PIA</u>									
Alkalinity - bicarbonate as CaCO ₃	260	mg/L		07/28/25 10:04	1	10	07/28/25 10:04	CFM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO ₃	< 10	mg/L		07/28/25 10:04	1	10	07/28/25 10:04	CFM	SM 2320 B-2011*
<u>Soluble General Chemistry - PIA</u>									
Solids - total dissolved solids (TDS)	490	mg/L		07/17/25 08:30	1	26	07/17/25 11:52	ENH	SM 2540 C-2011
<u>Total Metals - PIA</u>									
Antimony	< 3.0	ug/L		07/21/25 10:01	5	3.0	07/23/25 13:18	TJJ	EPA 6020A
Arsenic	< 1.0	ug/L		07/21/25 10:01	5	1.0	07/23/25 13:18	TJJ	EPA 6020A
Barium	34	ug/L		07/21/25 10:01	5	1.0	07/23/25 13:18	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		07/21/25 10:01	5	1.0	07/23/25 13:18	TJJ	EPA 6020A
Boron	21	ug/L		07/21/25 10:01	5	10	07/24/25 14:57	TJJ	EPA 6020A
Cadmium	< 1.0	ug/L		07/21/25 10:01	5	1.0	07/23/25 13:18	TJJ	EPA 6020A
Calcium	96	mg/L		07/21/25 10:01	5	0.20	07/23/25 13:18	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		07/21/25 10:01	5	4.0	07/23/25 13:18	TJJ	EPA 6020A
Cobalt	8.8	ug/L		07/21/25 10:01	5	2.0	07/23/25 13:18	TJJ	EPA 6020A
Lead	< 1.0	ug/L		07/21/25 10:01	5	1.0	07/23/25 13:18	TJJ	EPA 6020A
Magnesium	40	mg/L		07/21/25 10:01	5	0.10	07/23/25 13:18	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		07/21/25 10:01	5	0.20	07/23/25 13:18	TJJ	EPA 6020A



ANALYTICAL RESULTS

Sample: IG03237-07

Name: G60L

Matrix: Ground Water - Grab

Sampled: 07/16/25 13:20

Received: 07/17/25 16:45

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Molybdenum	< 1.0	ug/L		07/21/25 10:01	5	1.0	07/23/25 13:18	TJJ	EPA 6020A
Potassium	0.38	mg/L		07/21/25 10:01	5	0.10	07/23/25 13:18	TJJ	EPA 6020A
Selenium	< 1.0	ug/L		07/21/25 10:01	5	1.0	07/23/25 13:18	TJJ	EPA 6020A
Sodium	33	mg/L		07/21/25 10:01	5	0.10	07/23/25 13:18	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		07/21/25 10:01	5	1.0	07/23/25 13:18	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		07/21/25 10:01	1	0.020	07/30/25 09:03	TJJ	EPA 6010B



ANALYTICAL RESULTS

Sample: IG03237-08
Name: G60S
Matrix: Ground Water - Grab

Sampled: 07/16/25 14:26
Received: 07/17/25 16:45

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Anions - PIA									
Chloride	4.8	mg/L		07/24/25 21:14	1	1.0	07/24/25 21:14	JSM	EPA 300.0 REV 2.1
Fluoride	< 0.250	mg/L		07/24/25 21:14	1	0.250	07/24/25 21:14	JSM	EPA 300.0 REV 2.1
Sulfate	65	mg/L		07/24/25 21:31	25	25	07/24/25 21:31	JSM	EPA 300.0 REV 2.1
Field - PIA									
Depth, From Measuring Point	24.84	Feet		07/16/25 14:26	1		07/16/25 14:26	FIELD	Field*
Dissolved oxygen, Field	2.5	mg/L		07/16/25 14:26	1		07/16/25 14:26	FIELD	Field*
Oxidation Reduction Potential	-25.0	mV		07/16/25 14:26	1	-500	07/16/25 14:26	FIELD	Field*
pH, Field Measured	6.68	pH Units		07/16/25 14:26	1		07/16/25 14:26	FIELD	Field*
Specific Conductance, Field Measured	808.0	umhos/cm		07/16/25 14:26	1		07/16/25 14:26	FIELD	Field*
Temperature, Field Measured	15.5	°C		07/16/25 14:26	1		07/16/25 14:26	FIELD	Field*
Turbidity, Field Measured	31.0	NTU		07/16/25 14:26	1	0.00	07/16/25 14:26	FIELD	Field*
General Chemistry - PIA									
Alkalinity - bicarbonate as CaCO ₃	490	mg/L		07/28/25 10:04	1	10	07/28/25 10:04	CFM	SM 2320 B-2011*
Alkalinity - carbonate as CaCO ₃	< 10	mg/L		07/28/25 10:04	1	10	07/28/25 10:04	CFM	SM 2320 B-2011*
Soluble General Chemistry - PIA									
Solids - total dissolved solids (TDS)	560	mg/L		07/17/25 08:30	1	26	07/17/25 11:52	ENH	SM 2540 C-2011
Total Metals - PIA									
Antimony	< 3.0	ug/L		07/21/25 10:01	5	3.0	07/23/25 13:22	TJJ	EPA 6020A
Arsenic	1.6	ug/L		07/21/25 10:01	5	1.0	07/23/25 13:22	TJJ	EPA 6020A
Barium	150	ug/L		07/21/25 10:01	5	1.0	07/23/25 13:22	TJJ	EPA 6020A
Beryllium	< 1.0	ug/L		07/21/25 10:01	5	1.0	07/23/25 13:22	TJJ	EPA 6020A
Boron	15	ug/L		07/21/25 10:01	5	10	07/24/25 15:00	TJJ	EPA 6020A
Cadmium	< 1.0	ug/L		07/21/25 10:01	5	1.0	07/23/25 13:22	TJJ	EPA 6020A
Calcium	140	mg/L		07/21/25 10:01	5	0.20	07/23/25 13:22	TJJ	EPA 6020A
Chromium	< 4.0	ug/L		07/21/25 10:01	5	4.0	07/23/25 13:22	TJJ	EPA 6020A
Cobalt	< 2.0	ug/L		07/21/25 10:01	5	2.0	07/23/25 13:22	TJJ	EPA 6020A
Lead	< 1.0	ug/L		07/21/25 10:01	5	1.0	07/23/25 13:22	TJJ	EPA 6020A
Magnesium	57	mg/L		07/21/25 10:01	5	0.10	07/23/25 13:22	TJJ	EPA 6020A
Mercury	< 0.20	ug/L		07/21/25 10:01	5	0.20	07/23/25 13:22	TJJ	EPA 6020A



ANALYTICAL RESULTS

Sample: IG03237-08

Name: G60S

Matrix: Ground Water - Grab

Sampled: 07/16/25 14:26

Received: 07/17/25 16:45

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Molybdenum	< 1.0	ug/L		07/21/25 10:01	5	1.0	07/23/25 13:22	TJJ	EPA 6020A
Potassium	0.49	mg/L		07/21/25 10:01	5	0.10	07/23/25 13:22	TJJ	EPA 6020A
Selenium	< 1.0	ug/L		07/21/25 10:01	5	1.0	07/23/25 13:22	TJJ	EPA 6020A
Sodium	12	mg/L		07/21/25 10:01	5	0.10	07/23/25 13:22	TJJ	EPA 6020A
Thallium	< 1.0	ug/L		07/21/25 10:01	5	1.0	07/23/25 13:22	TJJ	EPA 6020A
Lithium	< 0.020	mg/L		07/21/25 10:01	1	0.020	07/30/25 09:07	TJJ	EPA 6010B



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<u>Batch B537231 - No Prep - SM 2540 C-2011</u>									
Blank (B537231-BLK1)				Prepared & Analyzed: 07/08/25					
Solids - total dissolved solids (TDS)	< 17	mg/L							
LCS (B537231-BS1)				Prepared & Analyzed: 07/08/25					
Solids - total dissolved solids (TDS)	927	mg/L		1000		93	84.4-107		
Duplicate (B537231-DUP2)				Prepared & Analyzed: 07/08/25					
	Sample: IG00949-01								
Solids - total dissolved solids (TDS)	415	mg/L			410			1	5
<u>Batch B537320 - SW 3015 - EPA 6010B</u>									
Blank (B537320-BLK1)				Prepared: 07/09/25 Analyzed: 07/10/25					
Lithium	< 0.020	mg/L							
LCS (B537320-BS1)				Prepared: 07/09/25 Analyzed: 07/10/25					
Lithium	0.592	mg/L					80-120		
<u>Batch B537320 - SW 3015 - EPA 6020A</u>									
Blank (B537320-BLK1)				Prepared: 07/09/25 Analyzed: 07/10/25					
Antimony	< 3.0	ug/L							
Arsenic	< 1.0	ug/L							
Barium	< 1.0	ug/L							
Beryllium	< 1.0	ug/L							
Boron	< 10	ug/L							
Cadmium	< 1.0	ug/L							
Calcium	< 0.20	mg/L							
Chromium	< 4.0	ug/L							
Cobalt	< 2.0	ug/L							
Lead	1.16	ug/L							
Magnesium	< 0.10	mg/L							
Mercury	< 0.20	ug/L							
Molybdenum	< 1.0	ug/L							
Potassium	< 0.10	mg/L							
Selenium	< 1.0	ug/L							
Sodium	< 0.10	mg/L							
Thallium	< 1.0	ug/L							
LCS (B537320-BS1)				Prepared: 07/09/25 Analyzed: 07/10/25					
Antimony	528	ug/L		555.6		95	80-120		
Arsenic	538	ug/L		555.6		97	80-120		
Barium	552	ug/L		555.6		99	80-120		
Beryllium	557	ug/L		555.6		100	80-120		
Boron	540	ug/L		555.6		97	80-120		
Cadmium	541	ug/L		555.6		97	80-120		
Calcium	5.61	mg/L		5.556		101	80-120		
Chromium	568	ug/L		555.6		102	80-120		
Cobalt	547	ug/L		555.6		98	80-120		
Lead	557	ug/L		555.6		100	80-120		
Magnesium	5.85	mg/L		5.556		105	80-120		



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (B537320-BS1)				Prepared: 07/09/25 Analyzed: 07/10/25					
Mercury	55.3	ug/L		55.56		100	80-120		
Molybdenum	539	ug/L		555.6		97	80-120		
Potassium	5.56	mg/L		5.556		100	80-120		
Selenium	540	ug/L		555.6		97	80-120		
Sodium	5.65	mg/L		5.556		102	80-120		
Thallium	549	ug/L		555.6		99	80-120		
<u>Batch B537337 - No Prep - SM 2540 C-2011</u>									
Blank (B537337-BLK1)				Prepared & Analyzed: 07/09/25					
Solids - total dissolved solids (TDS)	< 17	mg/L							
LCS (B537337-BS1)				Prepared & Analyzed: 07/09/25					
Solids - total dissolved solids (TDS)	947	mg/L		1000		95	84.4-107		
Duplicate (B537337-DUP1)				Prepared & Analyzed: 07/09/25					
Solids - total dissolved solids (TDS)	425	mg/L			410			4	5
<u>Batch B537429 - SW 3015 - EPA 6010B</u>									
Blank (B537429-BLK1)				Prepared: 07/10/25 Analyzed: 07/17/25					
Lithium	< 0.020	mg/L							
LCS (B537429-BS1)				Prepared: 07/10/25 Analyzed: 07/17/25					
Lithium	0.597	mg/L					80-120		
Matrix Spike (B537429-MS1)				Prepared: 07/10/25 Analyzed: 07/17/25					
Lithium	0.558	mg/L			ND		75-125		
Matrix Spike Dup (B537429-MSD1)				Prepared: 07/10/25 Analyzed: 07/17/25					
Lithium	0.564	mg/L			ND		75-125	1	20
<u>Batch B537429 - SW 3015 - EPA 6020A</u>									
Blank (B537429-BLK1)				Prepared: 07/10/25 Analyzed: 07/14/25					
Antimony	< 3.0	ug/L							
Arsenic	< 1.0	ug/L							
Barium	< 1.0	ug/L							
Beryllium	< 1.0	ug/L							
Boron	< 10	ug/L							
Cadmium	< 1.0	ug/L							
Calcium	< 0.20	mg/L							
Chromium	< 4.0	ug/L							
Cobalt	< 2.0	ug/L							
Lead	< 1.0	ug/L							
Magnesium	< 0.10	mg/L							
Mercury	< 0.20	ug/L							
Molybdenum	< 1.0	ug/L							
Potassium	< 0.10	mg/L							
Selenium	< 1.0	ug/L							
Sodium	< 0.10	mg/L							
Thallium	< 1.0	ug/L							
LCS (B537429-BS1)				Prepared: 07/10/25 Analyzed: 07/14/25					



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (B537429-BS1)				Prepared: 07/10/25 Analyzed: 07/14/25					
Antimony	532	ug/L		555.6		96	80-120		
Arsenic	527	ug/L		555.6		95	80-120		
Barium	547	ug/L		555.6		98	80-120		
Beryllium	566	ug/L		555.6		102	80-120		
Boron	609	ug/L		555.6		110	80-120		
Cadmium	532	ug/L		555.6		96	80-120		
Calcium	5.47	mg/L		5.556		99	80-120		
Chromium	552	ug/L		555.6		99	80-120		
Cobalt	546	ug/L		555.6		98	80-120		
Lead	558	ug/L		555.6		100	80-120		
Magnesium	5.60	mg/L		5.556		101	80-120		
Mercury	52.6	ug/L		55.56		95	80-120		
Molybdenum	526	ug/L		555.6		95	80-120		
Potassium	5.48	mg/L		5.556		99	80-120		
Selenium	526	ug/L		555.6		95	80-120		
Sodium	5.50	mg/L		5.556		99	80-120		
Thallium	540	ug/L		555.6		97	80-120		
Matrix Spike (B537429-MS1)				Sample: IG01708-01		Prepared: 07/10/25 Analyzed: 07/14/25			
Antimony	532	ug/L		555.6	ND	96	75-125		
Arsenic	525	ug/L		555.6	7.09	93	75-125		
Barium	778	ug/L		555.6	238	97	75-125		
Beryllium	552	ug/L		555.6	ND	99	75-125		
Boron	607	ug/L		555.6	7.80	108	75-125		
Cadmium	531	ug/L		555.6	ND	95	75-125		
Calcium	225	mg/L	Q4	5.556	216	155	75-125		
Chromium	544	ug/L		555.6	ND	98	75-125		
Cobalt	527	ug/L		555.6	1.14	95	75-125		
Lead	540	ug/L		555.6	ND	97	75-125		
Magnesium	117	mg/L		5.556	111	101	75-125		
Mercury	54.4	ug/L		55.56	0.178	98	75-125		
Molybdenum	538	ug/L		555.6	1.01	97	75-125		
Potassium	5.96	mg/L		5.556	0.433	99	75-125		
Selenium	517	ug/L		555.6	ND	93	75-125		
Sodium	22.7	mg/L		5.556	17.1	100	75-125		
Thallium	528	ug/L		555.6	ND	95	75-125		
Matrix Spike Dup (B537429-MSD1)				Sample: IG01708-01		Prepared: 07/10/25 Analyzed: 07/14/25			
Antimony	527	ug/L		555.6	ND	95	75-125	1	20
Arsenic	532	ug/L		555.6	7.09	95	75-125	1	20
Barium	776	ug/L		555.6	238	97	75-125	0.3	20
Beryllium	568	ug/L		555.6	ND	102	75-125	3	20
Boron	593	ug/L		555.6	7.80	105	75-125	2	20
Cadmium	534	ug/L		555.6	ND	96	75-125	0.7	20
Calcium	221	mg/L		5.556	216	76	75-125	2	20
Chromium	544	ug/L		555.6	ND	98	75-125	0.02	20
Cobalt	532	ug/L		555.6	1.14	96	75-125	0.9	20



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (B537429-MSD1)				Sample: IG01708-01		Prepared: 07/10/25 Analyzed: 07/14/25			
Lead	548	ug/L	Q4	555.6	ND	99	75-125	1	20
Magnesium	115	mg/L		5.556	111	63	75-125	2	20
Mercury	54.3	ug/L		55.56	0.178	97	75-125	0.2	20
Molybdenum	538	ug/L		555.6	1.01	97	75-125	0.03	20
Potassium	5.93	mg/L		5.556	0.433	99	75-125	0.5	20
Selenium	529	ug/L		555.6	ND	95	75-125	2	20
Sodium	22.5	mg/L		5.556	17.1	96	75-125	1	20
Thallium	531	ug/L		555.6	ND	96	75-125	0.6	20
Batch B537453 - IC No Prep - EPA 300.0 REV 2.1									
Blank (B537453-BLK1)				Prepared & Analyzed: 07/09/25					
Fluoride	< 0.250	mg/L							
Sulfate	< 1.0	mg/L							
Chloride	< 1.0	mg/L							
Calibration Blank (B537453-CCB1)				Prepared & Analyzed: 07/09/25					
Sulfate	0.00	mg/L							
Fluoride	0.00	mg/L							
Chloride	0.399	mg/L							
Calibration Check (B537453-CCV1)				Prepared & Analyzed: 07/09/25					
Chloride	4.74	mg/L	5.000		95	90-110			
Sulfate	4.90	mg/L	5.000		98	90-110			
Fluoride	4.99	mg/L	5.000		100	90-110			
Matrix Spike (B537453-MS1)				Sample: IG00949-01		Prepared & Analyzed: 07/09/25			
Chloride	1.0E9	mg/L	Q4	1.500	18	NR	80-120		
Fluoride	1.68	mg/L		1.500	0.342	89	80-120		
Sulfate	1.00E9	mg/L	Q4	1.500	64.9	NR	80-120		
Matrix Spike (B537453-MS2)				Sample: IG00949-11		Prepared & Analyzed: 07/09/25			
Chloride	4.8	mg/L	Q1	1.500	4.1	45	80-120		
Fluoride	1.70	mg/L		1.500	0.342	90	80-120		
Sulfate	1.00E9	mg/L	Q4	1.500	25.9	NR	80-120		
Matrix Spike Dup (B537453-MSD1)				Sample: IG00949-01		Prepared & Analyzed: 07/09/25			
Chloride	1.0E9	mg/L	Q4	1.500	18	NR	80-120	0	20
Fluoride	1.67	mg/L		1.500	0.342	89	80-120	0.6	20
Sulfate	1.00E9	mg/L	Q4	1.500	64.9	NR	80-120	0	20
Matrix Spike Dup (B537453-MSD2)				Sample: IG00949-11		Prepared & Analyzed: 07/09/25			
Chloride	4.8	mg/L	Q2	1.500	4.1	46	80-120	0.5	20
Fluoride	1.69	mg/L		1.500	0.342	90	80-120	0.6	20
Sulfate	1.00E9	mg/L	Q4	1.500	25.9	NR	80-120	0	20
Batch B537468 - No Prep - SM 2540 C-2011									
Blank (B537468-BLK1)				Prepared & Analyzed: 07/10/25					
Solids - total dissolved solids (TDS)	< 17	mg/L							
LCS (B537468-BS1)				Prepared & Analyzed: 07/10/25					
Solids - total dissolved solids (TDS)	967	mg/L	1000		97	84.4-107			
Duplicate (B537468-DUP1)				Sample: IG01708-02		Prepared & Analyzed: 07/10/25			



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Duplicate (B537468-DUP1)									
Sample: IG01708-02				Prepared & Analyzed: 07/10/25					
Solids - total dissolved solids (TDS)	770	mg/L			765			0.7	5
Duplicate (B537468-DUP2)									
Sample: IG01708-07				Prepared & Analyzed: 07/10/25					
Solids - total dissolved solids (TDS)	715	mg/L			750			5	5
<u>Batch B537569 - No Prep - SM 2320 B-2011</u>									
Blank (B537569-BLK1)									
				Prepared & Analyzed: 07/11/25					
Alkalinity - bicarbonate as CaCO3	2.50	mg/L							
Alkalinity - carbonate as CaCO3	< 2.0	mg/L							
Blank (B537569-BLK2)									
				Prepared & Analyzed: 07/11/25					
Alkalinity - bicarbonate as CaCO3	2.50	mg/L							
Alkalinity - carbonate as CaCO3	< 2.0	mg/L							
Duplicate (B537569-DUP2)									
Sample: IG00949-01				Prepared & Analyzed: 07/11/25					
Alkalinity - carbonate as CaCO3	< 10	mg/L			ND				10
Alkalinity - bicarbonate as CaCO3	300	mg/L			300			0	10
Duplicate (B537569-DUP3)									
Sample: IG00949-11				Prepared & Analyzed: 07/11/25					
Alkalinity - carbonate as CaCO3	< 10	mg/L			ND				10
Alkalinity - bicarbonate as CaCO3	412	mg/L			400			3	10
Duplicate (B537569-DUP4)									
Sample: IG01708-07				Prepared & Analyzed: 07/11/25					
Alkalinity - bicarbonate as CaCO3	438	mg/L			425			3	10
Alkalinity - carbonate as CaCO3	< 10	mg/L			ND				10
<u>Batch B537656 - SW 3015 - EPA 6010B</u>									
Blank (B537656-BLK1)									
				Prepared: 07/14/25 Analyzed: 07/17/25					
Lithium	< 0.020	mg/L							
LCS (B537656-BS1)									
				Prepared: 07/14/25 Analyzed: 07/17/25					
Lithium	0.583	mg/L		0.5556		105	80-120		
Matrix Spike (B537656-MS1)									
Sample: IG00949-11				Prepared: 07/14/25 Analyzed: 07/17/25					
Lithium	0.567	mg/L		0.5556	ND	102	75-125		
Matrix Spike Dup (B537656-MSD1)									
Sample: IG00949-11				Prepared: 07/14/25 Analyzed: 07/17/25					
Lithium	0.577	mg/L		0.5556	ND	104	75-125	2	20
<u>Batch B537656 - SW 3015 - EPA 6020A</u>									
Blank (B537656-BLK1)									
				Prepared: 07/14/25 Analyzed: 07/16/25					
Antimony	< 3.0	ug/L							
Arsenic	< 1.0	ug/L							
Barium	< 1.0	ug/L							
Beryllium	< 1.0	ug/L							
Boron	< 10	ug/L							
Cadmium	< 1.0	ug/L							
Calcium	< 0.20	mg/L							
Chromium	< 4.0	ug/L							
Cobalt	< 2.0	ug/L							
Lead	< 1.0	ug/L							
Magnesium	< 0.10	mg/L							
Mercury	< 0.20	ug/L							



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Blank (B537656-BLK1)				Prepared: 07/14/25 Analyzed: 07/16/25					
Molybdenum	< 1.0	ug/L							
Potassium	< 0.10	mg/L							
Selenium	< 1.0	ug/L							
Sodium	< 0.10	mg/L							
Thallium	< 1.0	ug/L							
LCS (B537656-BS1)				Prepared: 07/14/25 Analyzed: 07/16/25					
Antimony	534	ug/L		555.6		96	80-120		
Arsenic	545	ug/L		555.6		98	80-120		
Barium	542	ug/L		555.6		98	80-120		
Beryllium	606	ug/L		555.6		109	80-120		
Boron	556	ug/L		555.6		100	80-120		
Cadmium	547	ug/L		555.6		98	80-120		
Calcium	5.70	mg/L		5.556		103	80-120		
Chromium	576	ug/L		555.6		104	80-120		
Cobalt	564	ug/L		555.6		101	80-120		
Lead	570	ug/L		555.6		103	80-120		
Magnesium	5.80	mg/L		5.556		104	80-120		
Mercury	55.5	ug/L		55.56		100	80-120		
Molybdenum	538	ug/L		555.6		97	80-120		
Potassium	5.75	mg/L		5.556		103	80-120		
Selenium	544	ug/L		555.6		98	80-120		
Sodium	5.92	mg/L		5.556		107	80-120		
Thallium	566	ug/L		555.6		102	80-120		
Matrix Spike (B537656-MS1)				Sample: IG00949-11	Prepared: 07/14/25 Analyzed: 07/16/25				
Antimony	538	ug/L		555.6	ND	97	75-125		
Arsenic	555	ug/L		555.6	1.15	100	75-125		
Barium	702	ug/L		555.6	155	98	75-125		
Beryllium	614	ug/L		555.6	ND	111	75-125		
Boron	585	ug/L		555.6	33.3	99	75-125		
Cadmium	552	ug/L		555.6	ND	99	75-125		
Calcium	105	mg/L		5.556	99.3	105	75-125		
Chromium	578	ug/L		555.6	ND	104	75-125		
Cobalt	557	ug/L		555.6	ND	100	75-125		
Lead	570	ug/L		555.6	ND	103	75-125		
Magnesium	50.3	mg/L		5.556	44.7	101	75-125		
Mercury	57.1	ug/L		55.56	ND	103	75-125		
Molybdenum	551	ug/L		555.6	1.35	99	75-125		
Potassium	6.37	mg/L		5.556	0.636	103	75-125		
Selenium	550	ug/L		555.6	ND	99	75-125		
Sodium	19.4	mg/L		5.556	13.6	106	75-125		
Thallium	571	ug/L		555.6	ND	103	75-125		
Matrix Spike Dup (B537656-MSD1)				Sample: IG00949-11	Prepared: 07/14/25 Analyzed: 07/16/25				
Antimony	537	ug/L		555.6	ND	97	75-125	0.08	20
Arsenic	546	ug/L		555.6	1.15	98	75-125	2	20
Barium	696	ug/L		555.6	155	97	75-125	0.9	20



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (B537656-MSD1)									
Sample: IG00949-11				Prepared: 07/14/25 Analyzed: 07/16/25					
Beryllium	607	ug/L		555.6	ND	109	75-125	1	20
Boron	604	ug/L		555.6	33.3	103	75-125	3	20
Cadmium	548	ug/L		555.6	ND	99	75-125	0.8	20
Calcium	105	mg/L		5.556	99.3	96	75-125	0.4	20
Chromium	571	ug/L		555.6	ND	103	75-125	1	20
Cobalt	547	ug/L		555.6	ND	99	75-125	2	20
Lead	566	ug/L		555.6	ND	102	75-125	0.6	20
Magnesium	50.4	mg/L		5.556	44.7	103	75-125	0.2	20
Mercury	56.9	ug/L		55.56	ND	102	75-125	0.4	20
Molybdenum	551	ug/L		555.6	1.35	99	75-125	0.04	20
Potassium	6.33	mg/L		5.556	0.636	103	75-125	0.5	20
Selenium	548	ug/L		555.6	ND	99	75-125	0.4	20
Sodium	19.2	mg/L		5.556	13.6	102	75-125	1	20
Thallium	569	ug/L		555.6	ND	102	75-125	0.3	20
<u>Batch B537660 - IC No Prep - EPA 300.0 REV 2.1</u>									
Blank (B537660-BLK1)				Prepared & Analyzed: 07/11/25					
Sulfate	< 1.0	mg/L							
Calibration Blank (B537660-CCB1)				Prepared & Analyzed: 07/11/25					
Sulfate	0.00	mg/L							
Calibration Check (B537660-CCV1)				Prepared & Analyzed: 07/11/25					
Sulfate	5.08	mg/L		5.000		102	90-110		
<u>Batch B537779 - IC No Prep - EPA 300.0 REV 2.1</u>									
Blank (B537779-BLK1)				Prepared & Analyzed: 07/14/25					
Chloride	< 1.0	mg/L							
Calibration Blank (B537779-CCB1)				Prepared & Analyzed: 07/14/25					
Chloride	0.00	mg/L							
Calibration Check (B537779-CCV1)				Prepared & Analyzed: 07/14/25					
Chloride	5.33	mg/L		5.000		107	90-110		
<u>Batch B537987 - No Prep - SM 2540 C-2011</u>									
Blank (B537987-BLK1)				Prepared & Analyzed: 07/17/25					
Solids - total dissolved solids (TDS)	< 17	mg/L							
LCS (B537987-BS1)				Prepared & Analyzed: 07/17/25					
Solids - total dissolved solids (TDS)	953	mg/L		1000		95	84.5-105		
Duplicate (B537987-DUP1)				Sample: IG02867-01 Prepared & Analyzed: 07/17/25					
Solids - total dissolved solids (TDS)	630	mg/L			635			0.8	5
Duplicate (B537987-DUP2)				Sample: IG03237-01 Prepared & Analyzed: 07/17/25					
Solids - total dissolved solids (TDS)	1140	mg/L			1120			2	5
<u>Batch B537997 - SW 3015 - EPA 6010B</u>									
Blank (B537997-BLK1)				Prepared & Analyzed: 07/17/25					
Lithium	< 0.020	mg/L							
LCS (B537997-BS1)				Prepared & Analyzed: 07/17/25					



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (B537997-BS1)				Prepared & Analyzed: 07/17/25					
Lithium	0.577	mg/L		0.5556		104	80-120		
Matrix Spike (B537997-MS1)				Sample: IG02867-01		Prepared & Analyzed: 07/17/25			
Lithium	0.582	mg/L		0.5556	ND	105	75-125		
Matrix Spike Dup (B537997-MSD1)				Sample: IG02867-01		Prepared & Analyzed: 07/17/25			
Lithium	0.571	mg/L		0.5556	ND	103	75-125	2	20
<u>Batch B537997 - SW 3015 - EPA 6020A</u>									
Blank (B537997-BLK1)				Prepared: 07/17/25 Analyzed: 07/21/25					
Antimony	< 3.0	ug/L							
Arsenic	< 1.0	ug/L							
Barium	< 1.0	ug/L							
Beryllium	< 1.0	ug/L							
Boron	< 10	ug/L							
Cadmium	< 1.0	ug/L							
Calcium	< 0.20	mg/L							
Chromium	< 4.0	ug/L							
Cobalt	< 2.0	ug/L							
Lead	< 1.0	ug/L							
Magnesium	< 0.10	mg/L							
Mercury	< 0.20	ug/L							
Molybdenum	< 1.0	ug/L							
Potassium	< 0.10	mg/L							
Selenium	< 1.0	ug/L							
Sodium	< 0.10	mg/L							
Thallium	< 1.0	ug/L							
LCS (B537997-BS1)				Prepared: 07/17/25 Analyzed: 07/21/25					
Antimony	547	ug/L		555.6		98	80-120		
Arsenic	539	ug/L		555.6		97	80-120		
Barium	538	ug/L		555.6		97	80-120		
Beryllium	572	ug/L		555.6		103	80-120		
Boron	561	ug/L		555.6		101	80-120		
Cadmium	547	ug/L		555.6		99	80-120		
Calcium	5.52	mg/L		5.556		99	80-120		
Chromium	572	ug/L		555.6		103	80-120		
Cobalt	571	ug/L		555.6		103	80-120		
Lead	539	ug/L		555.6		97	80-120		
Magnesium	6.10	mg/L		5.556		110	80-120		
Mercury	55.6	ug/L		55.56		100	80-120		
Molybdenum	513	ug/L		555.6		92	80-120		
Potassium	5.73	mg/L		5.556		103	80-120		
Selenium	546	ug/L		555.6		98	80-120		
Sodium	6.03	mg/L		5.556		108	80-120		
Thallium	539	ug/L		555.6		97	80-120		
Matrix Spike (B537997-MS1)				Sample: IG02867-01		Prepared: 07/17/25 Analyzed: 07/21/25			
Antimony	540	ug/L		555.6	ND	97	75-125		



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (B537997-MS1)									
Sample: IG02867-01				Prepared: 07/17/25 Analyzed: 07/21/25					
Arsenic	549	ug/L		555.6	ND	99	75-125		
Barium	578	ug/L		555.6	21.2	100	75-125		
Beryllium	566	ug/L		555.6	ND	102	75-125		
Boron	589	ug/L		555.6	14.6	103	75-125		
Cadmium	545	ug/L		555.6	ND	98	75-125		
Calcium	138	mg/L	Q4	5.556	134	68	75-125		
Chromium	560	ug/L		555.6	ND	101	75-125		
Cobalt	546	ug/L		555.6	ND	98	75-125		
Lead	530	ug/L		555.6	ND	95	75-125		
Magnesium	65.7	mg/L	Q4	5.556	40.9	448	75-125		
Mercury	56.6	ug/L		55.56	0.228	101	75-125		
Molybdenum	521	ug/L		555.6	2.71	93	75-125		
Potassium	6.22	mg/L		5.556	0.383	105	75-125		
Selenium	549	ug/L		555.6	ND	99	75-125		
Sodium	15.0	mg/L	Q1	5.556	6.26	158	75-125		
Thallium	531	ug/L		555.6	ND	96	75-125		
Matrix Spike Dup (B537997-MSD1)									
Sample: IG02867-01				Prepared: 07/17/25 Analyzed: 07/21/25					
Antimony	545	ug/L		555.6	ND	98	75-125	1	20
Arsenic	549	ug/L		555.6	ND	99	75-125	0.04	20
Barium	578	ug/L		555.6	21.2	100	75-125	0.05	20
Beryllium	559	ug/L		555.6	ND	101	75-125	1	20
Boron	586	ug/L		555.6	14.6	103	75-125	0.4	20
Cadmium	542	ug/L		555.6	ND	98	75-125	0.5	20
Calcium	138	mg/L	Q4	5.556	134	70	75-125	0.06	20
Chromium	562	ug/L		555.6	ND	101	75-125	0.3	20
Cobalt	548	ug/L		555.6	ND	99	75-125	0.3	20
Lead	534	ug/L		555.6	ND	96	75-125	0.7	20
Magnesium	65.0	mg/L	Q4	5.556	40.9	435	75-125	1	20
Mercury	57.1	ug/L		55.56	0.228	102	75-125	0.8	20
Molybdenum	520	ug/L		555.6	2.71	93	75-125	0.3	20
Potassium	6.23	mg/L		5.556	0.383	105	75-125	0.1	20
Selenium	548	ug/L		555.6	ND	99	75-125	0.2	20
Sodium	14.9	mg/L	Q2	5.556	6.26	156	75-125	0.9	20
Thallium	530	ug/L		555.6	ND	95	75-125	0.1	20
<u>Batch B538023 - No Prep - SM 2320 B-2011</u>									
Blank (B538023-BLK1)									
				Prepared & Analyzed: 07/17/25					
Alkalinity - bicarbonate as CaCO3	2.50	mg/L							
Alkalinity - carbonate as CaCO3	< 2.0	mg/L							
Duplicate (B538023-DUP1)									
Sample: IG02867-01				Prepared & Analyzed: 07/17/25					
Alkalinity - carbonate as CaCO3	< 10	mg/L			ND				10
Alkalinity - bicarbonate as CaCO3	338	mg/L			338			0	10
<u>Batch B538234 - SW 3015 - EPA 6010B</u>									
Blank (B538234-BLK1)									
				Prepared: 07/21/25 Analyzed: 07/30/25					



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Blank (B538234-BLK1)				Prepared: 07/21/25 Analyzed: 07/30/25					
Lithium	< 0.020	mg/L							
LCS (B538234-BS1)				Prepared: 07/21/25 Analyzed: 07/30/25					
Lithium	0.549	mg/L		0.5556		99	80-120		
Matrix Spike (B538234-MS1)				Prepared: 07/21/25 Analyzed: 07/30/25					
Lithium	0.557	mg/L		0.5556	0.00648	99	75-125		
Matrix Spike Dup (B538234-MSD1)				Prepared: 07/21/25 Analyzed: 07/30/25					
Lithium	0.554	mg/L		0.5556	0.00648	99	75-125	0.6	20
<u>Batch B538234 - SW 3015 - EPA 6020A</u>									
Blank (B538234-BLK1)				Prepared: 07/21/25 Analyzed: 07/23/25					
Antimony	< 3.0	ug/L							
Arsenic	< 1.0	ug/L							
Barium	< 1.0	ug/L							
Beryllium	< 1.0	ug/L							
Boron	< 10	ug/L							
Cadmium	< 1.0	ug/L							
Calcium	< 0.20	mg/L							
Chromium	< 4.0	ug/L							
Cobalt	< 2.0	ug/L							
Lead	< 1.0	ug/L							
Magnesium	< 0.10	mg/L							
Mercury	< 0.20	ug/L							
Molybdenum	< 1.0	ug/L							
Potassium	< 0.10	mg/L							
Selenium	< 1.0	ug/L							
Sodium	< 0.10	mg/L							
Thallium	< 1.0	ug/L							
LCS (B538234-BS1)				Prepared: 07/21/25 Analyzed: 07/23/25					
Antimony	540	ug/L		555.6		97	80-120		
Arsenic	544	ug/L		555.6		98	80-120		
Barium	551	ug/L		555.6		99	80-120		
Beryllium	568	ug/L		555.6		102	80-120		
Boron	549	ug/L		555.6		99	80-120		
Cadmium	547	ug/L		555.6		99	80-120		
Calcium	5.45	mg/L		5.556		98	80-120		
Chromium	550	ug/L		555.6		99	80-120		
Cobalt	551	ug/L		555.6		99	80-120		
Lead	563	ug/L		555.6		101	80-120		
Magnesium	5.87	mg/L		5.556		106	80-120		
Mercury	55.9	ug/L		55.56		101	80-120		
Molybdenum	532	ug/L		555.6		96	80-120		
Potassium	5.66	mg/L		5.556		102	80-120		
Selenium	539	ug/L		555.6		97	80-120		
Sodium	5.80	mg/L		5.556		104	80-120		
Thallium	548	ug/L		555.6		99	80-120		



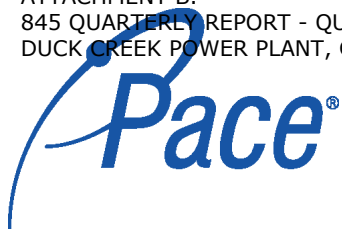
QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (B538234-MS1)				Sample: IG03237-01		Prepared: 07/21/25 Analyzed: 07/23/25			
Antimony	531	ug/L	Q4	555.6	ND	96	75-125		
Arsenic	547	ug/L		555.6	4.57	98	75-125		
Barium	591	ug/L		555.6	48.5	98	75-125		
Beryllium	559	ug/L		555.6	ND	101	75-125		
Boron	657	ug/L		555.6	85.6	103	75-125		
Cadmium	539	ug/L		555.6	ND	97	75-125		
Calcium	209	mg/L		5.556	205	67	75-125		
Chromium	542	ug/L		555.6	ND	98	75-125		
Cobalt	534	ug/L		555.6	1.02	96	75-125		
Lead	545	ug/L		555.6	0.828	98	75-125		
Magnesium	108	mg/L		5.556	102	110	75-125		
Mercury	57.4	ug/L		55.56	ND	103	75-125		
Molybdenum	537	ug/L		555.6	1.75	96	75-125		
Potassium	7.80	mg/L		5.556	2.27	100	75-125		
Selenium	540	ug/L		555.6	ND	97	75-125		
Sodium	50.8	mg/L		5.556	44.7	110	75-125		
Thallium	534	ug/L		555.6	ND	96	75-125		
Matrix Spike Dup (B538234-MSD1)				Sample: IG03237-01		Prepared: 07/21/25 Analyzed: 07/23/25			
Antimony	536	ug/L		555.6	ND	97	75-125	1	20
Arsenic	553	ug/L		555.6	4.57	99	75-125	1	20
Barium	597	ug/L		555.6	48.5	99	75-125	1	20
Beryllium	570	ug/L		555.6	ND	103	75-125	2	20
Boron	661	ug/L		555.6	85.6	104	75-125	0.7	20
Cadmium	551	ug/L		555.6	ND	99	75-125	2	20
Calcium	210	mg/L		5.556	205	84	75-125	0.5	20
Chromium	549	ug/L		555.6	ND	99	75-125	1	20
Cobalt	540	ug/L		555.6	1.02	97	75-125	1	20
Lead	554	ug/L		555.6	0.828	100	75-125	2	20
Magnesium	108	mg/L		5.556	102	121	75-125	0.6	20
Mercury	58.2	ug/L		55.56	ND	105	75-125	1	20
Molybdenum	555	ug/L		555.6	1.75	100	75-125	3	20
Potassium	7.89	mg/L		5.556	2.27	101	75-125	1	20
Selenium	549	ug/L		555.6	ND	99	75-125	2	20
Sodium	50.9	mg/L		5.556	44.7	111	75-125	0.2	20
Thallium	539	ug/L		555.6	ND	97	75-125	1	20
<u>Batch B538303 - No Prep - SM 4500-F C-2011</u>									
Calibration Blank (B538303-CCB1)				Prepared & Analyzed: 07/21/25					
Fluoride	0.0140	mg/L							
Calibration Blank (B538303-CCB2)				Prepared & Analyzed: 07/21/25					
Fluoride	0.0120	mg/L							
Calibration Check (B538303-CCV1)				Prepared & Analyzed: 07/21/25					
Fluoride	0.673	mg/L	0.7000		96	90-110			
Calibration Check (B538303-CCV2)				Prepared & Analyzed: 07/21/25					
Fluoride	0.654	mg/L	0.7000		93	90-110			



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<u>Batch B538585 - IC No Prep - EPA 300.0 REV 2.1</u>									
Calibration Blank (B538585-CCB1)				Prepared & Analyzed: 07/23/25					
Sulfate	0.00	mg/L							
Fluoride	0.00	mg/L							
Chloride	0.00	mg/L							
Calibration Check (B538585-CCV1)				Prepared & Analyzed: 07/23/25					
Fluoride	5.34	mg/L		5.000		107	90-110		
Sulfate	4.98	mg/L		5.000		100	90-110		
Chloride	5.22	mg/L		5.000		104	90-110		
Matrix Spike (B538585-MS2)				Sample: IG02867-01	Prepared & Analyzed: 07/23/25				
Fluoride	1.90	mg/L		1.500	0.222	112	80-120		
Chloride	1.0E9	mg/L	Q4	1.500	16	NR	80-120		
Sulfate	1.00E9	mg/L	Q4	1.500	204	NR	80-120		
Matrix Spike (B538585-MS3)				Sample: IG02867-09	Prepared & Analyzed: 07/23/25				
Sulfate	1.53	mg/L		1.500	0.139	92	80-120		
Fluoride	1.93	mg/L		1.500	0.249	112	80-120		
Chloride	3.1	mg/L		1.500	1.4	113	80-120		
Matrix Spike Dup (B538585-MSD2)				Sample: IG02867-01	Prepared & Analyzed: 07/23/25				
Chloride	1.0E9	mg/L	Q4	1.500	16	NR	80-120	0	20
Sulfate	1.00E9	mg/L	Q4	1.500	204	NR	80-120	0	20
Fluoride	1.88	mg/L		1.500	0.222	111	80-120	1	20
Matrix Spike Dup (B538585-MSD3)				Sample: IG02867-09	Prepared & Analyzed: 07/23/25				
Fluoride	1.95	mg/L		1.500	0.249	114	80-120	1	20
Sulfate	1.44	mg/L		1.500	0.139	87	80-120	6	20
Chloride	3.0	mg/L		1.500	1.4	110	80-120	2	20
<u>Batch B538693 - IC No Prep - EPA 300.0 REV 2.1</u>									
Blank (B538693-BLK1)				Prepared & Analyzed: 07/24/25					
Chloride	< 1.0	mg/L							
Sulfate	< 1.0	mg/L							
Fluoride	< 0.250	mg/L							
Calibration Blank (B538693-CCB1)				Prepared & Analyzed: 07/24/25					
Sulfate	0.00	mg/L							
Fluoride	0.00	mg/L							
Chloride	0.00	mg/L							
Calibration Check (B538693-CCV1)				Prepared & Analyzed: 07/24/25					
Fluoride	5.28	mg/L		5.000		106	90-110		
Sulfate	5.02	mg/L		5.000		100	90-110		
Chloride	5.04	mg/L		5.000		101	90-110		
Matrix Spike (B538693-MS1)				Sample: IG03237-01	Prepared & Analyzed: 07/24/25				
Chloride	1.0E9	mg/L	Q4	1.500	10	NR	80-120		
Sulfate	< 1.0	mg/L	Q4	1.500	456	NR	80-120		
Matrix Spike Dup (B538693-MSD1)				Sample: IG03237-01	Prepared & Analyzed: 07/24/25				
Chloride	1.0E9	mg/L	Q4	1.500	10	NR	80-120	0	20
Sulfate	< 1.0	mg/L	Q4	1.500	456	NR	80-120		20



QC SAMPLE RESULTS

Parameter	Result	Unit	Qual	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<u>Batch B538844 - No Prep - SM 2320 B-2011</u>									
Blank (B538844-BLK1)				Prepared & Analyzed: 07/28/25					
Alkalinity - carbonate as CaCO ₃	< 2.0	mg/L							
Alkalinity - bicarbonate as CaCO ₃	2.50	mg/L							
Duplicate (B538844-DUP1)				Sample: IG03237-01 Prepared & Analyzed: 07/28/25					
Alkalinity - bicarbonate as CaCO ₃	475	mg/L			475			0	10
Alkalinity - carbonate as CaCO ₃	< 10	mg/L			ND				10



NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

Qualifiers

- B1 Blank contamination suspected and the sample result is less than Method Reporting Limit.
- Q1 Matrix Spike failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
- Q2 Matrix Spike Duplicate failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
- Q3 Matrix Spike/Matrix Spike Duplicate both failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
- Q4 The matrix spike recovery result is unusable since the analyte concentration in the sample is greater than four times the spike level. The associated blank spike was acceptable.
- V2 Acceptance criteria for the Continuing Calibration Verification (CCV) were exceeded high with associated non-detect samples. The associated non-detect results are qualified and reported.

A handwritten signature in black ink, reading "Diane Billings".

Certified by: Diane Billings, Project Manager



1G00949

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: Visira Corp-Duck Creek Address: 17751 North Cilco Rd Canton, IL 61520 Email To: Brian.Voelker@VisiraCorp.com Phone: (217) 753-8911 Fax: Requested Due Date/TAT: 10 day		Section B Required Project Information: Report To: Brian Voelker Copy To: Daryl Johnson; Robert.Johnson@visiracorp.com Purchase Order No.: Project Name: Project Number:		Section C Invoice Information: Attention: Brian Voelker Company Name: Visira Corp Address: see Section A Quote Reference: Project Manager: Profile #:		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location: IL STATE:	
Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE		Valid Matrix Codes MATRIX: ☐ DW ☐ WWT ☐ WASTE WATER ☐ P ☐ SL ☐ CL ☐ WP ☐ WP ☐ OT ☐ TS DRINKING WATER ☐ WASTE WATER ☐ SOIL/SOLID ☐ OIL ☐ WASTE ☐ OTHER ☐ TISSUE		COLLECTED DATE: TIME:		MATRIX CODE (see valid codes to left) SAMPLE TYPE (G=GRAB C=COMP) SAMPLE TEMP AT COLLECTION	
PRESERVATIVES HCl ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ Na ₂ S ₂ O ₃ ☐ Methanol ☐ Other ☐		ANALYSIS TESTS Residual Chlorine (Y/N)		Project No. / Lab I.D.		SAMPLE CONDITIONS Received on: ☐ Temp in °C: ☐ Sealed: ☐ Cooled (Y/N): ☐ Samples (Y/N): ☐	
Requested Analysis Filtered (Y/N)		DATE: TIME:		DATE: TIME:		DATE: TIME:	
DC-25Q3 Rev 1		DATE: TIME:		DATE: TIME:		DATE: TIME:	
ADDITIONAL COMMENTS DC-25Q3 Rev 1		RELINQUISHED BY / AFFILIATION 07/07/25 12:00		ACCEPTED BY / AFFILIATION Baleonnam 07/07/25 17:30		DATE: TIME:	
SAMPPLER NAME AND SIGNATURE PRINT Name of SAMPPLER: Kyle's Dyer SIGNATURE of SAMPPLER: [Signature]		DATE Signed (MM/DD/YYYY): 07/07/25		DATE: TIME:		DATE: TIME:	

* Wells being resampled
 -14
 -15
 -16
 -17
 -18
 -19
 7/15/25 done

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DATE Signed (MANDATORY): 07/07/25

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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IA01263

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Duck Creek	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	17751 North Cilco Rd	Copy To:	Daryl Johnson; Robert.Johnson@vistracorp.com	Company Name:	Vistra Corp
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Address:	see Section A
Phone:	(217) 753-8911	Project Name:		Quota Reference:	
Requested Due Date/TAT:	10 day	Project Number:		Project Manager:	
				Profile #:	

Section D Required Client Information		Valid Matrix Codes	
MATRIX CODE	DW DRINKING WATER WT WASTE WATER PR PRODUCT SL SOLID CL CL WP WIP AR AIR OT OTHER TS Tissue		
SAMPLE ID (A-Z, 0-9 / , -) Sample IDs must be unique			

ITEM #	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analysis Test	Requested Analysis Filtered (Y/N)	Project No./ Lab I.D.
1	G566L	G	07/08/25	12:59		3	X	X		
2	G57L	G		14:33		3	X	X		
3	G57S	G		15:52		4	X	X		
4	G58L	G		12:25		3	X	X		
5	G58S	G		13:10		3	X	X		
6	G62L	G		11:50		4	X	X		
7	G65L	G		15:06		3	X	X		
8	G65S	G		15:20		3	X	X		
9	G66L	G		14:20		3	X	X		
10	G66S	G		13:55		3	X	X		
11										
12										
13										
14										
15										
16										

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
DC-25Q3 Rev 1			07/08/25	16:16		07/08/25	16:16	Temp in °C	Received on	Custody Sealed
								Intact (Y/N)	Cooler (Y/N)	Samples

SAMPLER NAME AND SIGNATURE		DATE SIGNED (MM/DD/YY)
PRINT Name of SAMPLER:	HALEB DESKE	07/08/25
SIGNATURE of SAMPLER:		

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Duck Creek	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	17751 North Cilco Rd Canton, IL 61520	Copy To:	Daryl Johnson: Robert.Johnson@vistracorp.com	Company Name:	Vistra Corp
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Address:	see Section A
Phone:	(217) 753-8911	Project Name:		Quote Reference:	
		Project Number:		Project Manager:	
Requested Due Date/TAT:	10 day			Profile #:	

Section D Required Client Information		Valid Matrix Codes		MATRIX CODE (see valid codes to left)		SAMPLE TYPE (G=GRAB C=COMP)		COLLECTED		SAMPLE TEMP AT COLLECTION		# OF CONTAINERS		Preservatives		Requested Analysis Filtered (Y/N)		Project No./ Lab I.D.	
ITEM #	Sample ID (A-Z, 0-9 / -)	Matrix Code	Product	Matrix Code	Sample Type	Date	Time	Matrix Code	Sample Type	Date	Time	Matrix Code	Sample Type	Date	Time	Matrix Code	Sample Type	Date	Time
1	G15HL (partial fill)	GRAB	WATER	GRAB	WATER	07/09/25	16:00	GRAB	WATER	07/09/25	16:00	GRAB	WATER	07/09/25	16:00	GRAB	WATER	07/09/25	16:00
2	G167L	GRAB	WATER	GRAB	WATER	07/09/25	17:40	GRAB	WATER	07/09/25	17:40	GRAB	WATER	07/09/25	17:40	GRAB	WATER	07/09/25	17:40
3	G167S	GRAB	WATER	GRAB	WATER	07/09/25	13:22	GRAB	WATER	07/09/25	13:22	GRAB	WATER	07/09/25	13:22	GRAB	WATER	07/09/25	13:22
4	G170L	GRAB	WATER	GRAB	WATER	07/09/25	14:17	GRAB	WATER	07/09/25	14:17	GRAB	WATER	07/09/25	14:17	GRAB	WATER	07/09/25	14:17
5	OMOI	GRAB	WATER	GRAB	WATER	07/09/25	10:43	GRAB	WATER	07/09/25	10:43	GRAB	WATER	07/09/25	10:43	GRAB	WATER	07/09/25	10:43
6	OR02	GRAB	WATER	GRAB	WATER	07/09/25	11:30	GRAB	WATER	07/09/25	11:30	GRAB	WATER	07/09/25	11:30	GRAB	WATER	07/09/25	11:30
7	R61L	GRAB	WATER	GRAB	WATER	07/09/25	15:41	GRAB	WATER	07/09/25	15:41	GRAB	WATER	07/09/25	15:41	GRAB	WATER	07/09/25	15:41
8	G170L-DUP	GRAB	WATER	GRAB	WATER	07/09/25	14:17	GRAB	WATER	07/09/25	14:17	GRAB	WATER	07/09/25	14:17	GRAB	WATER	07/09/25	14:17
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			

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DATE Signed (mm/dd/yyyy): 07/15/20

1603237

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Vistra Corp-Duck Creek		Report To: Brian Voelker		Attention: Brian Voelker	
Address: 17751 North Cicero Rd		Copy To: Daryl Johnson: Robert.Johnson@vistracorp.com		Company Name: Vistra Corp	
Canton, IL 61520		Purchase Order No.:		Address: see Section A	
Email To: Brian.Voelker@VistraCorp.com		Project Name:		Quote Reference:	
Phone: (217) 753-8911		Requested Due Date/TAT: 10 day		Project Manager:	
				Profile #:	
				Site Location	
				STATE: IL	
				REGULATORY AGENCY	
				NPDES	
				GROUND WATER	
				RCRA	
				UST	
				OTHER	
				Project No./ Lab I.D.	
				Residual Chlorine (Y/N)	
				DC-WPCP-203-206	
				DC-SUP-000	
				DC-CLOSURE-201-202	
				DC-845-205	
				DC-845-203	
				DC-811-204	
				DC-257-205	
				DC-257-204	
				DC-257-203	
				Analysis Test	
				Y/N	
				Preservatives	
				H2SO4	
				HNO3	
				HCl	
				NaOH	
				Na2S2O3	
				Methanol	
				Other	
				# OF CONTAINERS	
				SAMPLE TEMP AT COLLECTION	
				DATE	
				TIME	
				COLLECTED	
				SAMPLE TYPE (G=GRAB C=COMP)	
				MATRIX CODE (see valid codes to left)	
				Valid Matrix Codes	
				MATRIX CODE	
				DW	
				DRINKING WATER	
				WT	
				WASTE WATER	
				P	
				PRODUCT	
				SL	
				SOLID	
				OL	
				WIPE	
				WP	
				AR	
				OT	
				TS	
				OTHER	
				Tissue	
				Sample IDs MUST BE UNIQUE	
				(A-Z, 0-9 / , -)	
				SAMPLE ID	
				BA05	
				G06L	
				G06L Dup	
				G15L	
				G50L	
				G59S Resample	
				G60L Resample	
				G60S Resample	
				OM04S	
				OR13D	
				OR13S	
				OR19	
				OR19 Dup	
				OR19 7/16	
				7/16	
				7/16/25	
				13:55	
				DATE	
				TIME	
				ACCEPTED BY / AFFILIATION	
				DATE	
				TIME	
				RELINQUISHED BY / AFFILIATION	
				DATE	
				TIME	
				SAMPLER NAME AND SIGNATURE	
				PRINT Name of SAMPLER: Andy Witek	
				SIGNATURE of SAMPLER: Andy Witek	
				DATE Signed (MM/DD/YYYY): 07/16/25	
				Temp in °C	
				Received on	
				Cooler (Y/N)	
				Custody Sealed (Y/N)	
				Samples Intact (Y/N)	



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

October 20, 2025

Daryl Johnson
Vistra - Duck Creek
17751 North Cilco Road
Canton, IL 61520-8761

Dear Daryl Johnson:

Please find enclosed the **revised** analytical results for the sample(s) the laboratory received. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lisa.grant@pacelabs.com.

A handwritten signature in black ink that reads "Diane Billings". The signature is written in a cursive, flowing style.

Diane Billings
Project Manager



Case Narrative

The original report was issued 8/19/25. The sample from well BA02L collected on July 10, 2025, was not collected in a manner consistent with low-flow/low-stress sampling methods and was likely not representative of the aquifer conditions.



ANALYTICAL RESULTS

Sample: IG00815-01
Name: BA01
Matrix: Ground Water - Grab

Sampled: 07/03/25 11:14
Received: 07/03/25 17:31

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	2.79	pCi/L			1	1.38	07/24/25 20:24	PACE	904.0 903.0
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Sample: IG00815-02
Name: BA02
Matrix: Ground Water - Grab

Sampled: 07/03/25 12:54
Received: 07/03/25 17:31

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	1.61	pCi/L			1	1.27	07/24/25 19:00	PACE	904.0 903.0
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Sample: IG00815-03
Name: BA03
Matrix: Ground Water - Grab

Sampled: 07/03/25 16:16
Received: 07/03/25 17:31

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	0.107 U	pCi/L			1	1.04	07/24/25 19:00	PACE	904.0 903.0
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Sample: IG00815-04
Name: BA03L
Matrix: Ground Water - Grab

Sampled: 07/03/25 15:11
Received: 07/03/25 17:31

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	0.192 U	pCi/L			1	0.976	07/24/25 19:00	PACE	904.0 903.0
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ANALYTICAL RESULTS

Sample: IG00815-05
Name: BA03L DUP
Matrix: Ground Water - Grab

Sampled: 07/03/25 15:11
Received: 07/03/25 17:31

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	0.122 U	pCi/L			1	1.13	07/24/25 19:00	PACE	904.0 903.0
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Sample: IG00952-01
Name: G51S
Matrix: Ground Water - Grab

Sampled: 07/07/25 12:30
Received: 07/07/25 17:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	0.710 J	pCi/L			1	1.12	08/09/25 17:56	PACE	904.0 903.0
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Sample: IG00952-02
Name: G50S
Matrix: Ground Water - Grab

Sampled: 07/07/25 14:21
Received: 07/07/25 17:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	1.4	pCi/L			1	1.21	08/09/25 17:56	PACE	904.0 903.0
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Sample: IG00952-03
Name: G54S
Matrix: Ground Water - Grab

Sampled: 07/07/25 15:15
Received: 07/07/25 17:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	0.478 J	pCi/L			1	0.927	08/09/25 17:56	PACE	904.0 903.0
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ANALYTICAL RESULTS

Sample: IG00952-04
Name: G64L
Matrix: Ground Water - Grab

Sampled: 07/07/25 13:30
Received: 07/07/25 17:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	1.08 J	pCi/L			1	1.17	08/09/25 17:56	PACE	904.0 903.0
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Sample: IG00952-05
Name: G64S
Matrix: Ground Water - Grab

Sampled: 07/07/25 14:25
Received: 07/07/25 17:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	1.06	pCi/L			1	1.05	08/09/25 17:56	PACE	904.0 903.0
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Sample: IG01282-01
Name: G57S
Matrix: Ground Water - Grab

Sampled: 07/08/25 15:52
Received: 07/08/25 16:46

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	0.634 J	pCi/L			1	0.966	08/09/25 17:55	PACE	904.0 903.0
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Sample: IG01282-02
Name: G62L
Matrix: Ground Water - Grab

Sampled: 07/08/25 11:50
Received: 07/08/25 16:46

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	1.33	pCi/L			1	1.25	08/09/25 17:55	PACE	904.0 903.0
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ANALYTICAL RESULTS

Sample: IG01710-01
Name: G54L
Matrix: Ground Water - Grab

Sampled: 07/09/25 16:00
Received: 07/09/25 17:08

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	1.73	pCi/L			1	1.03	08/09/25 17:55	PACE	904.0 903.0
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Sample: IG01710-02
Name: R61L
Matrix: Ground Water - Grab

Sampled: 07/09/25 15:41
Received: 07/09/25 17:08

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	1.05	pCi/L			1	0.96	08/09/25 17:56	PACE	904.0 903.0
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Sample: IG02084-01
Name: BA02L
Matrix: Ground Water - Grab

Sampled: 07/10/25 13:12
Received: 07/10/25 17:29

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	4.25	pCi/L			1	1.31	08/15/25 20:45	PACE	904.0 903.0
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Sample: IG02084-02
Name: BA04
Matrix: Ground Water - Grab

Sampled: 07/10/25 14:38
Received: 07/10/25 17:29

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	0.940 J	pCi/L			1	0.987	08/15/25 20:45	PACE	904.0 903.0
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ANALYTICAL RESULTS

Sample: IG02084-03
Name: BA06
Matrix: Ground Water - Grab

Sampled: 07/10/25 16:23
Received: 07/10/25 17:29

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	0.545 J	pCi/L			1	0.784	08/15/25 20:45	PACE	904.0 903.0
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Sample: IG02084-04
Name: P60
Matrix: Ground Water - Grab

Sampled: 07/10/25 14:37
Received: 07/10/25 17:29

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	0.446 J	pCi/L			1	0.78	08/15/25 20:45	PACE	904.0 903.0
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Sample: IG02084-06
Name: Field Blank
Matrix: Ground Water - Grab

Sampled: 07/10/25 16:15
Received: 07/10/25 17:29

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	0.955	pCi/L			1	0.671	08/15/25 20:45	PACE	904.0 903.0
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Sample: IG02876-01
Name: G02S
Matrix: Ground Water - Grab

Sampled: 07/15/25 15:30
Received: 07/15/25 16:30

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	0.321 U	pCi/L			1	0.933	08/05/25 00:47	PACE	904.0 903.0
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ANALYTICAL RESULTS

Sample: IG03238-01
Name: BA05
Matrix: Ground Water - Grab

Sampled: 07/16/25 13:00
Received: 07/16/25 16:45

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	1.97	pCi/L			1	1.48	08/05/25 00:47	PACE	904.0 903.0
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Sample: IG03238-02
Name: G60L
Matrix: Ground Water - Grab

Sampled: 07/16/25 13:20
Received: 07/16/25 16:45

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	0.880 J	pCi/L			1	1.33	08/05/25 00:47	PACE	904.0 903.0
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Sample: IG03238-03
Name: G60S
Matrix: Ground Water - Grab

Sampled: 07/16/25 14:26
Received: 07/16/25 16:45

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	1.34 J	pCi/L			1	1.51	08/05/25 19:00	PACE	904.0 903.0
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Sample: IG03484-01
Name: G61S
Matrix: Ground Water - Grab

Sampled: 07/17/25 11:32
Received: 07/17/25 14:01

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Miscellaneous - Pace Analytical - Mt Juliet, Tn

Rad 226 and 228-Subcontract	1.62	pCi/L			1	1.4	08/05/25 19:00	PACE	904.0 903.0
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NOTES

Specifications regarding method revisions and method modifications used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

A handwritten signature in black ink, reading "Diane Billings".

Certified by: Diane Billings, Project Manager



ANALYTICAL REPORT

July 28, 2025

Pace IR - Peoria, IL

Sample Delivery Group: L1876362
Samples Received: 07/08/2025
Project Number: IG00815
Description:
Site: 01
Report To: Diane Billings
2231 W. Altorfer Drive
Peoria, IL 61615

Entire Report Reviewed By:

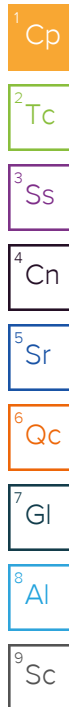


Ashley N Pullium
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com



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Sr: Sample Results	5	3 Ss
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IG00815-03 L1876362-03	7	5 Sr
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Radiochemistry by Method SM7500Ra B M	11	8 Al
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Al: Accreditations & Locations	14	9 Sc
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SAMPLE SUMMARY

Collected by
Collected date/time
Received date/time

IG00815-01 L1876362-01

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2561908	1	07/22/25 06:13	07/24/25 15:27	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2564751	1	07/23/25 11:39	07/24/25 20:24	ZRG	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2564751	1	07/23/25 11:39	07/24/25 20:24	ZRG	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

IG00815-02 L1876362-02

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2561908	1	07/22/25 06:13	07/24/25 15:27	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2564743	1	07/23/25 09:20	07/24/25 19:00	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2564743	1	07/23/25 09:20	07/24/25 19:00	RGT	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

IG00815-03 L1876362-03

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2561908	1	07/22/25 06:13	07/24/25 15:27	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2564743	1	07/23/25 09:20	07/24/25 19:00	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2564743	1	07/23/25 09:20	07/24/25 19:00	RGT	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

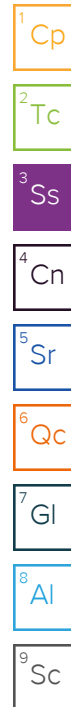
IG00815-04 L1876362-04

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2561908	1	07/22/25 06:13	07/24/25 15:27	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2564743	1	07/23/25 09:20	07/24/25 19:00	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2564743	1	07/23/25 09:20	07/24/25 19:00	RGT	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

IG00815-05 L1876362-05

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2561908	1	07/22/25 06:13	07/24/25 15:27	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2564743	1	07/23/25 09:20	07/24/25 19:00	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2564743	1	07/23/25 09:20	07/24/25 19:00	RGT	Mt. Juliet, TN

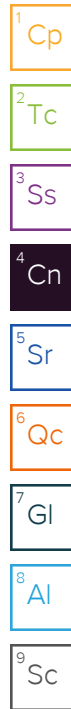


CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Ashley N Pullium
Project Manager



Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	2.69		0.896	0.971	1.36	0.417	07/24/2025 15:27	WG2561908
(T) Barium	114					30.0-143	07/24/2025 15:27	WG2561908
(T) Yttrium	78.8					30.0-136	07/24/2025 15:27	WG2561908

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	2.79		0.908	1.38	07/24/2025 20:24	WG2564751

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.102	J	0.149	0.212	0.224	0.0614	07/24/2025 20:24	WG2564751
(T) Barium-133	102					30.0-143	07/24/2025 20:24	WG2564751

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	-0.402	<u>U</u>	0.686	0.716	1.24	0.381	07/24/2025 15:27	WG2561908
(T) Barium	114					30.0-143	07/24/2025 15:27	WG2561908
(T) Yttrium	83.9					30.0-136	07/24/2025 15:27	WG2561908

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.61		0.836	1.27	07/24/2025 19:00	WG2564743

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	1.61		0.478	0.719	0.276	0.0873	07/24/2025 19:00	WG2564743
(T) Barium-133	116					30.0-143	07/24/2025 19:00	WG2564743

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	-0.0257	<u>U</u>	0.556	0.563	0.991	0.300	07/24/2025 15:27	WG2561908
(T) Barium	118					30.0-143	07/24/2025 15:27	WG2561908
(T) Yttrium	86.8					30.0-136	07/24/2025 15:27	WG2561908

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.107	<u>U</u>	0.594	1.04	07/24/2025 19:00	WG2564743

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.107	<u>U</u>	0.210	0.274	0.330	0.112	07/24/2025 19:00	WG2564743
(T) Barium-133	99.6					30.0-143	07/24/2025 19:00	WG2564743

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.0281	<u>U</u>	0.540	0.547	0.956	0.290	07/24/2025 15:27	WG2561908
(T) Barium	111					30.0-143	07/24/2025 15:27	WG2561908
(T) Yttrium	85.6					30.0-136	07/24/2025 15:27	WG2561908

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.192	<u>U</u>	0.563	0.976	07/24/2025 19:00	WG2564743

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.164	<u>J</u>	0.161	0.236	0.196	0.0508	07/24/2025 19:00	WG2564743
(T) Barium-133	108					30.0-143	07/24/2025 19:00	WG2564743

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	-0.0288	U	0.616	0.624	1.10	0.333	07/24/2025 15:27	WG2561908
(T) Barium	102					30.0-143	07/24/2025 15:27	WG2561908
(T) Yttrium	76.2					30.0-136	07/24/2025 15:27	WG2561908

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.122	U	0.637	1.13	07/24/2025 19:00	WG2564743

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.122	J	0.164	0.231	0.238	0.0617	07/24/2025 19:00	WG2564743
(T) Barium-133	97.9					30.0-143	07/24/2025 19:00	WG2564743

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

QUALITY CONTROL SUMMARY

L1876362-01.02.03.04.05

Method Blank (MB)

(MB) R4249996-1 07/24/25 15:27

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-228	-0.0742	<u>U</u>	0.382	0.404	0.208
(T) Barium	93.7		93.7		
(T) Yttrium	92.4		92.4		

L1876362-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1876362-01 07/24/25 15:27 • (DUP) R4249996-5 07/24/25 15:27

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	2.69	0.896	1.36	0.417	0.473	0.749	0.757	0.392	140	1.89	<u>J</u>	20	3
(T) Barium	114				104	104							
(T) Yttrium	78.8				83.1	83.1							

Laboratory Control Sample (LCS)

(LCS) R4249996-2 07/24/25 15:27

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	5.40	108	80.0-120	
(T) Barium			102		
(T) Yttrium			92.0		

L1879380-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1879380-16 07/24/25 15:27 • (MS) R4249996-3 07/24/25 15:27 • (MSD) R4249996-4 07/24/25 15:27

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	10.0	1.50	8.93	8.60	74.3	71.0	1	70.0-130			3.77		20
(T) Barium		94.1			68.4	72.9							
(T) Yttrium		83.9			92.7	95.5							

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

Method Blank (MB)

(MB) R4250012-1 07/24/25 19:00

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-226	-0.0242	<u>U</u>	0.0318	0.0748	0.0271
(T) Barium-133	99.4		99.4		

L1876362-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1876362-05 07/24/25 19:00 • (DUP) R4250012-5 07/24/25 19:00

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	0.122	0.164	0.238	0.0617	0.0812	0.142	0.227	0.0668	40.2	0.189	<u>U</u>	20	3
(T) Barium-133	97.9				94.3	94.3							

Laboratory Control Sample (LCS)

(LCS) R4250012-2 07/24/25 19:00

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.00	4.88	97.6	80.0-120	
(T) Barium-133			93.0		

L1879380-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1879380-21 07/24/25 19:00 • (MS) R4250012-3 07/24/25 19:00 • (MSD) R4250012-4 07/24/25 19:00

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	0.186	19.6	19.3	97.0	95.4	1	75.0-125			1.70		20
(T) Barium-133		110			110	109							

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

Method Blank (MB)

(MB) R4250271-1 07/24/25 19:01

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-226	-0.0117	<u>U</u>	0.0340	0.0810	0.0260
(T) Barium-133	108		108		

L1879380-22 Original Sample (OS) • Duplicate (DUP)

(OS) L1879380-22 07/24/25 20:24 • (DUP) R4250271-5 07/24/25 19:01

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	0.227	0.183	0.196	0.0509	0.698	0.345	0.253	0.0656	102	1.21		20	3
(T) Barium-133	109				101	101							

Laboratory Control Sample (LCS)

(LCS) R4250271-2 07/24/25 19:01

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.00	5.59	112	80.0-120	
(T) Barium-133			102		

L1879383-35 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1879383-35 07/24/25 20:24 • (MS) R4250271-3 07/24/25 19:01 • (MSD) R4250271-4 07/24/25 19:01

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	0.135	19.7	19.0	97.8	94.4	1	75.0-125			3.46		20
(T) Barium-133		103			99.9	99.3							

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

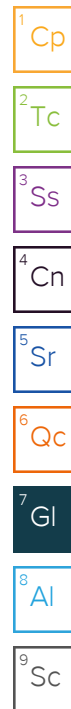
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDA	Minimum Detectable Activity.
Rec.	Recovery.
RER	Replicate Error Ratio.
TPU	Total Propagated Uncertainty reported at 2 sigma (counting error plus all measurable variables).
Lc	Decision Level or Critical Level. DOE required Detection limit at a 68% confidence level.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(T)	Tracer - A radioisotope of known concentration added to a solution of chemically equivalent radioisotopes at a known concentration to assist in monitoring the yield of the chemical separation.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

J	The identification of the analyte is acceptable; the reported value is an estimate.
U	Below Detectable Limits: Indicates that the analyte was not detected.



ACCREDITATIONS & LOCATIONS

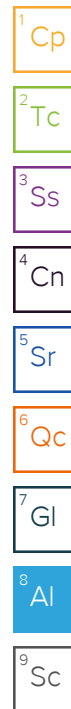
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



SUBCONTRACT ORDER
Transfer Chain of Custody

B234

Pace Analytical Services, LLC

IG00815

11876362

SENDING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(800) 752-6651

RECEIVING LABORATORY

AMB

Sample Receipt Checklist
COC Seal Present/Intact: ☒ Y ☐ N ☐ NP If Applicable
COC Signed/Accurate: ☒ Y ☐ N VOA Zero Headspace: ☐ Y ☒ N
Bottles arrive intact: ☒ Y ☐ N Pres. Correct/Check: ☒ Y ☐ N
Correct bottles used: ☒ Y ☐ N
Sufficient volume sent: ☒ Y ☐ N Condition: NCF ☒ OK
RA Screen <0.5 mR/hr: ☒ Y ☐ N **SOTAL**

Sample: IG00815-01
Name: BA01

Sampled: 07/03/25 11:14
Matrix: Ground Water
Preservative: HNO3, pH <2

-01

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	07/17/25 16:00	12/30/25 11:14	

Sample: IG00815-02
Name: BA02

Sampled: 07/03/25 12:54
Matrix: Ground Water
Preservative: HNO3, pH <2

-02

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	07/17/25 16:00	12/30/25 12:54	

Sample: IG00815-03
Name: BA03

Sampled: 07/03/25 16:16
Matrix: Ground Water
Preservative: HNO3, pH <2

-03

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	07/17/25 16:00	12/30/25 16:16	

Sample: IG00815-04
Name: BA03L

Sampled: 07/03/25 15:11
Matrix: Ground Water
Preservative: HNO3, pH <2

-04

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	07/17/25 16:00	12/30/25 15:11	

Sample: IG00815-05
Name: BA03L DUP

Sampled: 07/03/25 15:11
Matrix: Ground Water
Preservative: HNO3, pH <2

-05

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	07/17/25 16:00	12/30/25 15:11	

SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC

IG00815

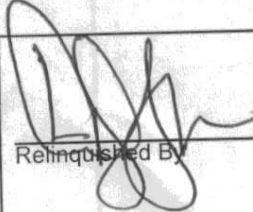
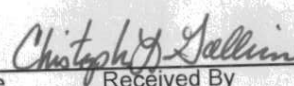
U976362

Please email results to Diane Billings at diane.billings@pacelabs.com

Date Shipped: 7/7/25 Total # of Containers: 5 Sample Origin (State): IL PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH

Date Results Needed: _____

		<u>7/7/25 1045</u>		Sample Temperature Upon Receipt _____ °C
Relinquished By	Date/Time	Received By	Date/Time	Sample(s) Received on Ice Y or N
				Proper Bottles Received in Good Condition Y or N
				Bottles Filled with Adequate Volume Y or N
				Samples Received Within Hold Time Y or N
				Date/Time Taken From Sample Bottle Y or N
		<u>7/8/25 0900</u>		
Relinquished By	Date/Time	Received By	Date/Time	

ANALYTICAL REPORT

August 11, 2025

Pace IR - Peoria, IL

Sample Delivery Group: L1877877

Samples Received: 07/11/2025

Project Number: IG00952

Description:

Report To: Diane Billings
2231 W. Altorfer Drive
Peoria, IL 61615

Entire Report Reviewed By:

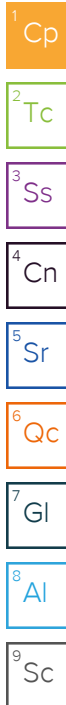


Ashley N Pullium
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com



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SAMPLE SUMMARY

Collected by
Collected date/time
Received date/time

IG00952-01 L1877877-01

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2570330	1	07/31/25 15:01	08/07/25 23:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2575000	1	08/08/25 15:00	08/09/25 17:56	ZRG	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2575000	1	08/08/25 15:00	08/09/25 17:56	ZRG	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

IG00952-02 L1877877-02

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2570330	1	07/31/25 15:01	08/07/25 23:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2575000	1	08/08/25 15:00	08/09/25 17:56	ZRG	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2575000	1	08/08/25 15:00	08/09/25 17:56	ZRG	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

IG00952-03 L1877877-03

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2570330	1	07/31/25 15:01	08/07/25 23:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2575000	1	08/08/25 15:00	08/09/25 17:56	ZRG	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2575000	1	08/08/25 15:00	08/09/25 17:56	ZRG	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

IG00952-04 L1877877-04

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2570330	1	07/31/25 15:01	08/07/25 23:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2575000	1	08/08/25 15:00	08/09/25 17:56	ZRG	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2575000	1	08/08/25 15:00	08/09/25 17:56	ZRG	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

IG00952-05 L1877877-05

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2570330	1	07/31/25 15:01	08/07/25 23:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2575000	1	08/08/25 15:00	08/09/25 17:56	ZRG	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2575000	1	08/08/25 15:00	08/09/25 17:56	ZRG	Mt. Juliet, TN

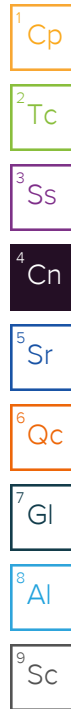


CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Ashley N Pullium
Project Manager



Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.646	J	0.655	0.693	1.09	0.381	08/07/2025 23:58	WG2570330
(T) Barium	98.4					30.0-143	08/07/2025 23:58	WG2570330
(T) Yttrium	79.4					30.0-136	08/07/2025 23:58	WG2570330

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.710	J	0.670	1.12	08/09/2025 17:56	WG2575000

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.0640	U	0.143	0.218	0.247	0.0704	08/09/2025 17:56	WG2575000
(T) Barium-133	103					30.0-143	08/09/2025 17:56	WG2575000

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	1.04	J	0.700	0.749	1.14	0.401	08/07/2025 23:58	WG2570330
(T) Barium	88.0					30.0-143	08/07/2025 23:58	WG2570330
(T) Yttrium	105					30.0-136	08/07/2025 23:58	WG2570330

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.40		0.769	1.21	08/09/2025 17:56	WG2575000

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.355	J	0.318	0.490	0.398	0.138	08/09/2025 17:56	WG2575000
(T) Barium-133	90.0					30.0-143	08/09/2025 17:56	WG2575000

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.172	U	0.515	0.535	0.892	0.311	08/07/2025 23:58	WG2570330
(T) Barium	114					30.0-143	08/07/2025 23:58	WG2570330
(T) Yttrium	110					30.0-136	08/07/2025 23:58	WG2570330

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.478	J	0.567	0.927	08/09/2025 17:56	WG2575000

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.307		0.238	0.398	0.253	0.0693	08/09/2025 17:56	WG2575000
(T) Barium-133	88.6					30.0-143	08/09/2025 17:56	WG2575000

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.880	J	0.699	0.743	1.15	0.404	08/07/2025 23:58	WG2570330
(T) Barium	82.5					30.0-143	08/07/2025 23:58	WG2570330
(T) Yttrium	116					30.0-136	08/07/2025 23:58	WG2570330

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.08	J	0.725	1.17	08/09/2025 17:56	WG2575000

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.197	J	0.193	0.323	0.235	0.0611	08/09/2025 17:56	WG2575000
(T) Barium-133	83.2					30.0-143	08/09/2025 17:56	WG2575000

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.727	J	0.619	0.659	1.03	0.361	08/07/2025 23:58	WG2570330
(T) Barium	110					30.0-143	08/07/2025 23:58	WG2570330
(T) Yttrium	106					30.0-136	08/07/2025 23:58	WG2570330

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.06		0.659	1.05	08/09/2025 17:56	WG2575000

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.335		0.227	0.392	0.221	0.0606	08/09/2025 17:56	WG2575000
(T) Barium-133	102					30.0-143	08/09/2025 17:56	WG2575000

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4256196-1 08/07/25 19:26

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-228	0.225	J	0.269	0.454	0.147
(T) Barium	102		102		
(T) Yttrium	90.6		90.6		

L1877877-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1877877-01 08/07/25 23:58 • (DUP) R4256196-5 08/07/25 19:26

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	0.646	0.655	1.09	0.381	0.690	0.674	1.12	0.363	6.66	0.0473	J	20	3
(T) Barium	98.4				85.4	85.4							
(T) Yttrium	79.4				89.8	89.8							

Laboratory Control Sample (LCS)

(LCS) R4256196-2 08/07/25 19:26

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	5.30	106	80.0-120	
(T) Barium			96.6		
(T) Yttrium			94.3		

L1877860-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1877860-02 08/07/25 19:26 • (MS) R4256196-3 08/07/25 19:26 • (MSD) R4256196-4 08/07/25 19:26

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	10.0	1.01	13.9	11.9	129	109	1	70.0-130			15.2		20
(T) Barium		91.3			86.9	96.6							
(T) Yttrium		105			83.1	89.8							

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

¹Cp ${}^2\text{Tc}$ 3S_s ${}^4\text{Cn}$ ^5Sr

⁶Qc

⁷G| ${}^8\text{Al}$ ⁹Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

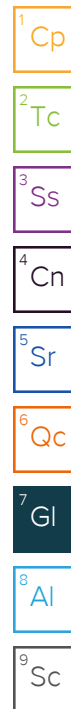
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDA	Minimum Detectable Activity.
Rec.	Recovery.
RER	Replicate Error Ratio.
TPU	Total Propagated Uncertainty reported at 2 sigma (counting error plus all measurable variables).
Lc	Decision Level or Critical Level. DOE required Detection limit at a 68% confidence level.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(T)	Tracer - A radioisotope of known concentration added to a solution of chemically equivalent radioisotopes at a known concentration to assist in monitoring the yield of the chemical separation.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

J	The identification of the analyte is acceptable; the reported value is an estimate.
U	Below Detectable Limits: Indicates that the analyte was not detected.



ACCREDITATIONS & LOCATIONS

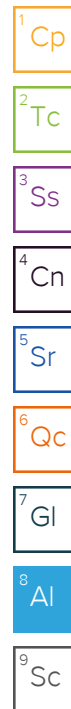
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



SUBCONTRACT ORDER

Transfer Chain of Custody

Pace Analytical Services, LLC

IG00952

K135

SENDING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(800) 752-6651

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn
12065 Lebanon Rd
Mt Juliet, TN 37122
(615) 758-5858

11877877

Sample: IG00952-01
Name: G51S

Sampled: 07/07/25 12:30
Matrix: Ground Water
Preservative: HNO3, pH <2

-01

Analysis	Due	Expires	Comments
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01-Radium 226/228 combined	07/18/25 16:00	01/03/26 12:30	
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Sample: IG00952-02
Name: G50S

Sampled: 07/07/25 14:21
Matrix: Ground Water
Preservative: HNO3, pH <2

-02

Analysis	Due	Expires	Comments
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01-Radium 226/228 combined	07/18/25 16:00	01/03/26 14:21	
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Sample: IG00952-03
Name: G54S

Sampled: 07/07/25 15:15
Matrix: Ground Water
Preservative: HNO3, pH <2

-03

Analysis	Due	Expires	Comments
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01-Radium 226/228 combined	07/18/25 16:00	01/03/26 15:15	
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Sample: IG00952-04
Name: G64L

Sampled: 07/07/25 13:30
Matrix: Ground Water
Preservative: HNO3, pH <2

-04

Analysis	Due	Expires	Comments
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01-Radium 226/228 combined	07/18/25 16:00	01/03/26 13:30	
----------------------------	----------------	----------------	--

Sample: IG00952-05
Name: G64S

Sampled: 07/07/25 14:25
Matrix: Ground Water
Preservative: HNO3, pH <2

-05

Analysis	Due	Expires	Comments
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01-Radium 226/228 combined	07/18/25 16:00	01/03/26 14:25	
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Sample Receipt Checklist

COC Seal Present/Intact:	☒ Y ☐ N ☐ NP	If Applicable
COC Signed/Accurate:	☒ Y ☐ N	VOA Zero Headspace: ☒ Y ☐ N
Bottles arrive intact:	☒ Y ☐ N	Pres. Correct/Check: ☒ Y ☐ N
Correct bottles used:	☒ Y ☐ N	
Sufficient volume sent:	☒ Y ☐ N	Condition: ☐ NCF ☒ OK
RA Screen <0.5 mR/hr:	☒ Y ☐ N	

SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC

IG00952

U1877877

SENDING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(800) 752-6651

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn
12065 Lebanon Rd
Mt Juliet, TN 37122
(615) 758-5858

Sample: IG00952-06
Name: G60L

*

Sampled: 07/07/25 14:24
Matrix: Ground Water
Preservative: HNO3, pH <2

-06

Analysis	Due	Expires	Comments
----------	-----	---------	----------

01-Radium 226/228 combined	07/18/25 16:00	01/03/26 14:24	
----------------------------	----------------	----------------	--

Sample: IG00952-07
Name: G60S

*

Sampled: 07/07/25 15:15
Matrix: Ground Water
Preservative: HNO3, pH <2

-07

Analysis	Due	Expires	Comments
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01-Radium 226/228 combined	07/18/25 16:00	01/03/26 15:15	
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Sample: IG00952-08
Name: G61S

*

Sampled: 07/07/25 16:04
Matrix: Ground Water
Preservative: HNO3, pH <2

-08

Analysis	Due	Expires	Comments
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01-Radium 226/228 combined	07/18/25 16:00	01/03/26 16:04	
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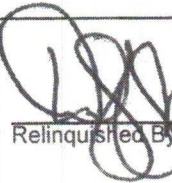
* Samples being resampled
Not sent to sub lab

7/10/25
del

Please email results to Diane Billings at diane.billings@pacelabs.com

Date Shipped: 7/10/25 Total # of Containers: 8/5 Sample Origin (State): IL PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH Date Results Needed: _____

Relinquished By	Date/Time	Received By	Date/Time	Sample Temperature Upon Receipt	_____ °C
	7/10/25 0550	Erin Ogden	7/11/25 0900	Sample(s) Received on Ice	Y or N
				Proper Bottles Received in Good Condition	Y or N
				Bottles Filled with Adequate Volume	Y or N
				Samples Received Within Hold Time	Y or N
				Date/Time Taken From Sample Bottle	Y or N

ANALYTICAL REPORT

August 11, 2025

Pace IR - Peoria, IL

Sample Delivery Group: L1877860

Samples Received: 07/11/2025

Project Number: IG01282

Description:

Report To: Diane Billings
2231 W. Altorfer Drive
Peoria, IL 61615

Entire Report Reviewed By:

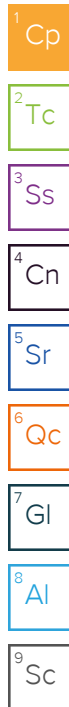


Ashley N Pullium
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com



Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
IG01282-01 L1877860-01	5	
IG01282-02 L1877860-02	6	⁴ Cn
Qc: Quality Control Summary	7	⁵ Sr
Radiochemistry by Method 904/9320	7	
Radiochemistry by Method SM7500Ra B M	8	⁶ Qc
Gl: Glossary of Terms	9	
Al: Accreditations & Locations	10	⁷ Gl
Sc: Sample Chain of Custody	11	⁸ Al
		⁹ Sc

IG01282-01 L1877860-01

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2570330	1	07/31/25 15:01	08/07/25 19:26	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2575000	1	08/08/25 15:00	08/09/25 17:55	ZRG	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2575000	1	08/08/25 15:00	08/09/25 17:55	ZRG	Mt. Juliet, TN

Collected by

Collected date/time
07/08/25 15:52

Received date/time
07/11/25 09:00

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

IG01282-02 L1877860-02

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2570330	1	07/31/25 15:01	08/07/25 19:26	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2575000	1	08/08/25 15:00	08/09/25 17:55	ZRG	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2575000	1	08/08/25 15:00	08/09/25 17:55	ZRG	Mt. Juliet, TN

Collected by

Collected date/time
07/08/25 11:50

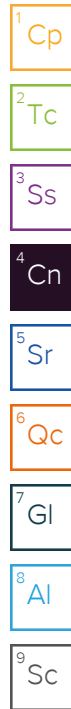
Received date/time
07/11/25 09:00

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Ashley N Pullium
Project Manager



Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.634	J	0.532	0.569	0.878	0.283	08/07/2025 19:26	WG2570330
(T) Barium	94.5					30.0-143	08/07/2025 19:26	WG2570330
(T) Yttrium	97.1					30.0-136	08/07/2025 19:26	WG2570330

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.634	J	0.575	0.966	08/09/2025 17:55	WG2575000

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.000	U	0.219	0.219	0.403	0.143	08/09/2025 17:55	WG2575000
(T) Barium-133	101					30.0-143	08/09/2025 17:55	WG2575000

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	1.01		0.573	0.621	0.912	0.294	08/07/2025 19:26	WG2570330
(T) Barium	91.3					30.0-143	08/07/2025 19:26	WG2570330
(T) Yttrium	105					30.0-136	08/07/2025 19:26	WG2570330

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.33		0.791	1.25	08/09/2025 17:55	WG2575000

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.316	J	0.546	0.758	0.853	0.269	08/09/2025 17:55	WG2575000
(T) Barium-133	36.4					30.0-143	08/09/2025 17:55	WG2575000

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4256196-1 08/07/25 19:26

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-228	0.225	J	0.269	0.454	0.147
(T) Barium	102		102		
(T) Yttrium	90.6		90.6		

L1877877-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1877877-01 08/07/25 23:58 • (DUP) R4256196-5 08/07/25 19:26

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	0.646	0.655	1.09	0.381	0.690	0.674	1.12	0.363	6.66	0.0473	J	20	3
(T) Barium	98.4				85.4	85.4							
(T) Yttrium	79.4				89.8	89.8							

Laboratory Control Sample (LCS)

(LCS) R4256196-2 08/07/25 19:26

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	5.30	106	80.0-120	
(T) Barium			96.6		
(T) Yttrium			94.3		

L1877860-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1877860-02 08/07/25 19:26 • (MS) R4256196-3 08/07/25 19:26 • (MSD) R4256196-4 08/07/25 19:26

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	10.0	1.01	13.9	11.9	129	109	1	70.0-130			15.2		20
(T) Barium		91.3			86.9	96.6							
(T) Yttrium		105			83.1	89.8							

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4256845-1 08/09/25 17:55					
Analyte	MB Result	MB Qualifier	MB 2 sigma CE	MB MDA	MB Lc
	pCi/l		+ / -	pCi/l	pCi/l
Radium-226	0.0693	J	0.0643	0.0801	0.0253
(T) Barium-133	106		106		

L1885003-30 Original Sample (OS) • Duplicate (DUP)

(OS) L1885003-30 08/09/25 17:56 • (DUP) R4256845-5 08/09/25 17:55													
Analyte	Original Result	Original 2 sigma CE	Original MDA	Original Lc	DUP Result	DUP 2 sigma CE	DUP MDA	DUP Lc	DUP RPD	DUP RER	DUP Qualifier	DUP RPD Limits	DUP RER Limit
	pCi/l	+ / -	pCi/l	pCi/l	pCi/l	+ / -	pCi/l	pCi/l	%			%	
Radium-226	0.0864	0.140	0.221	0.0388	0.283	0.253	0.308	0.0954	106	0.680	J	20	3
(T) Barium-133	67.0				103	103							

Laboratory Control Sample (LCS)

(LCS) R4256845-2 08/09/25 17:55					
Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	pCi/l	pCi/l	%	%	
Radium-226	5.00	4.88	97.6	80.0-120	
(T) Barium-133			91.7		

L1885003-24 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1885003-24 08/09/25 17:56 • (MS) R4256845-3 08/09/25 17:55 • (MSD) R4256845-4 08/09/25 17:55													
Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	MS RER	RPD Limits
	pCi/l	pCi/l	pCi/l	pCi/l	%	%		%			%		%
Radium-226	20.0	0.145	21.1	19.0	105	94.3	1	75.0-125			10.2		20
(T) Barium-133		92.6			76.9	64.8							

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

Guide to Reading and Understanding Your Laboratory Report

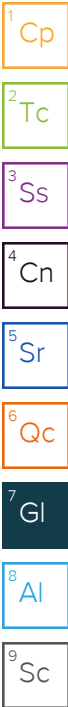
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDA	Minimum Detectable Activity.
Rec.	Recovery.
RER	Replicate Error Ratio.
TPU	Total Propagated Uncertainty reported at 2 sigma (counting error plus all measurable variables).
Lc	Decision Level or Critical Level. DOE required Detection limit at a 68% confidence level.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(T)	Tracer - A radioisotope of known concentration added to a solution of chemically equivalent radioisotopes at a known concentration to assist in monitoring the yield of the chemical separation.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
U	Below Detectable Limits: Indicates that the analyte was not detected.



ACCREDITATIONS & LOCATIONS

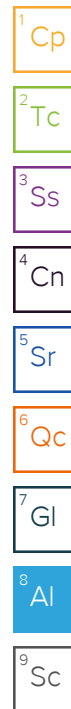
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC
IG01282

F066

SENDING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(800) 752-6651

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn
12065 Lebanon Rd
Mt Juliet, TN 37122
(615) 758-5858

Sample: IG01282-01
Name: G57S

Sampled: 07/08/25 15:52
Matrix: Ground Water
Preservative: HNO₃, pH <2

Analysis Due Expires Comments

01-Radium 226/228 combined 07/21/25 16:00 01/04/26 15:52

Sample: IG01282-02
Name: G62L

Sampled: 07/08/25 11:50
Matrix: Ground Water
Preservative: HNO₃, pH <2

Analysis Due Expires Comments

01-Radium 226/228 combined 07/21/25 16:00 01/04/26 11:50

Amb.

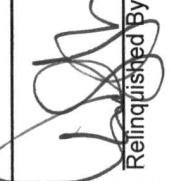
Sample Receipt Checklist
COC Seal Present/Intact: ☒ Y ☒ N ☒ NP If Applicable
COC Signed/Accurate: ☒ Y ☒ N ☒ NP VOA Zero Headspace: ☒ Y ☒ N
Bottles arrive intact: ☒ Y ☒ N Pres. Correct/Check: ☒ Y ☒ N
Correct bottles used: ☒ Y ☒ N Condition: ☒ NCF ☒ OK
Sufficient volume sent: ☒ Y ☒ N
RA Screen <0.5 mS/hr: ☒ Y ☒ N

882600845503

Please email results to Diane Billings at diane.billings@pacelabs.com

Date Shipped: 7/10/25 Total # of Containers: 2 Sample Origin (State): IL PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH Date Results Needed: _____

Relinquished By	Date/Time	Received By	Date/Time	Sample Temperature Upon Receipt	°C
	7/10/25 0605		7/10/25 0712S	0900	Y or N
				Sample(s) Received on Ice	Y or N
				Proper Bottles Received in Good Condition	Y or N
				Bottles Filled with Adequate Volume	Y or N
				Samples Received Within Hold Time	Y or N
				Date/Time Taken From Sample Bottle	Y or N

ANALYTICAL REPORT

August 11, 2025

Pace IR - Peoria, IL

Sample Delivery Group: L1877874

Samples Received: 07/11/2025

Project Number: IG01710

Description:

Report To: Diane Billings
2231 W. Altorfer Drive
Peoria, IL 61615

Entire Report Reviewed By:

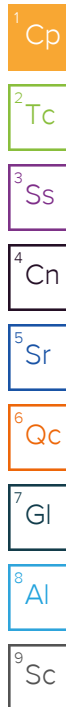


Ashley N Pullium
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com



Cp: Cover Page	1	¹ Cp
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IG01710-01 L1877874-01	5	
IG01710-02 L1877874-02	6	⁴ Cn
Qc: Quality Control Summary	7	⁵ Sr
Radiochemistry by Method 904/9320	7	
Radiochemistry by Method SM7500Ra B M	8	⁶ Qc
Gl: Glossary of Terms	9	
Al: Accreditations & Locations	10	⁷ Gl
Sc: Sample Chain of Custody	11	⁸ Al
		⁹ Sc

IG01710-01 L1877874-01

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2570330	1	07/31/25 15:01	08/07/25 19:26	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2575000	1	08/08/25 15:00	08/09/25 17:55	ZRG	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2575000	1	08/08/25 15:00	08/09/25 17:55	ZRG	Mt. Juliet, TN

Collected by

Collected date/time
07/09/25 16:00

Received date/time
07/11/25 09:00

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

IG01710-02 L1877874-02

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2570330	1	07/31/25 15:01	08/07/25 19:26	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2575000	1	08/08/25 15:00	08/09/25 17:56	ZRG	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2575000	1	08/08/25 15:00	08/09/25 17:56	ZRG	Mt. Juliet, TN

Collected by

Collected date/time
07/09/25 15:41

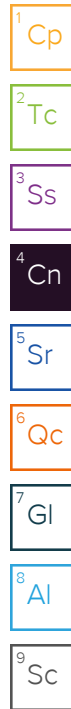
Received date/time
07/11/25 09:00

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Ashley N Pullium
Project Manager



Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	1.51		0.621	0.679	0.947	0.305	08/07/2025 19:26	WG2570330
(T) Barium	86.7					30.0-143	08/07/2025 19:26	WG2570330
(T) Yttrium	108					30.0-136	08/07/2025 19:26	WG2570330

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.73		0.685	1.03	08/09/2025 17:55	WG2575000

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.223	J	0.289	0.421	0.411	0.139	08/09/2025 17:55	WG2575000
(T) Barium-133	96.8					30.0-143	08/09/2025 17:55	WG2575000

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.793	J	0.536	0.577	0.867	0.279	08/07/2025 19:26	WG2570330
(T) Barium	92.4					30.0-143	08/07/2025 19:26	WG2570330
(T) Yttrium	103					30.0-136	08/07/2025 19:26	WG2570330

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.05		0.614	0.960	08/09/2025 17:56	WG2575000

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.254	J	0.299	0.449	0.412	0.130	08/09/2025 17:56	WG2575000
(T) Barium-133	73.8					30.0-143	08/09/2025 17:56	WG2575000

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4256196-1 08/07/25 19:26

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-228	0.225		0.269	0.454	0.147
(T) Barium	102		102		
(T) Yttrium	90.6		90.6		

L1877877-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1877877-01 08/07/25 23:58 • (DUP) R4256196-5 08/07/25 19:26

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	0.646	0.655	1.09	0.381	0.690	0.674	1.12	0.363	6.66	0.0473		20	3
(T) Barium	98.4				85.4	85.4							
(T) Yttrium	79.4				89.8	89.8							

Laboratory Control Sample (LCS)

(LCS) R4256196-2 08/07/25 19:26

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	5.30	106	80.0-120	
(T) Barium			96.6		
(T) Yttrium			94.3		

L1877860-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1877860-02 08/07/25 19:26 • (MS) R4256196-3 08/07/25 19:26 • (MSD) R4256196-4 08/07/25 19:26

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	10.0	1.01	13.9	11.9	129	109	1	70.0-130			15.2		20
(T) Barium		91.3			86.9	96.6							
(T) Yttrium		105			83.1	89.8							

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Method Blank (MB)

(MB) R4256845-1 08/09/25 17:55

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-226	0.0693		0.0643	0.0801	0.0253
(T) Barium-133	106		106		

L1885003-30 Original Sample (OS) • Duplicate (DUP)

(OS) L1885003-30 08/09/25 17:56 • (DUP) R4256845-5 08/09/25 17:55

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	0.0864	0.140	0.221	0.0388	0.283	0.253	0.308	0.0954	106	0.680		20	3
(T) Barium-133	67.0				103	103							

Laboratory Control Sample (LCS)

(LCS) R4256845-2 08/09/25 17:55

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.00	4.88	97.6	80.0-120	
(T) Barium-133			91.7		

L1885003-24 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1885003-24 08/09/25 17:56 • (MS) R4256845-3 08/09/25 17:55 • (MSD) R4256845-4 08/09/25 17:55

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	0.145	21.1	19.0	105	94.3	1	75.0-125			10.2		20
(T) Barium-133		92.6			76.9	64.8							

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

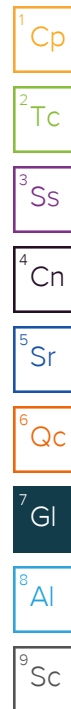
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDA	Minimum Detectable Activity.
Rec.	Recovery.
RER	Replicate Error Ratio.
TPU	Total Propagated Uncertainty reported at 2 sigma (counting error plus all measurable variables).
Lc	Decision Level or Critical Level. DOE required Detection limit at a 68% confidence level.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(T)	Tracer - A radioisotope of known concentration added to a solution of chemically equivalent radioisotopes at a known concentration to assist in monitoring the yield of the chemical separation.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

J	The identification of the analyte is acceptable; the reported value is an estimate.
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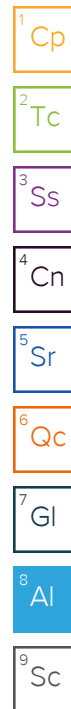
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



SUBCONTRACT ORDER

Transfer Chain of Custody

Pace Analytical Services, LLC

IG01710

K136

SENDING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(800) 752-6651

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn
12065 Lebanon Rd
Mt Juliet, TN 37122
(615) 758-5858

61877874

Sample: IG01710-01
Name: G54L

22

Sampled: 07/09/25 16:00
Matrix: Ground Water
Preservative: HNO3, pH <2

-01

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	07/22/25 16:00	01/05/26 16:00	

Sample: IG01710-02
Name: R61L

Sampled: 07/09/25 15:41
Matrix: Ground Water
Preservative: HNO3, pH <2

-02

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	07/22/25 16:00	01/05/26 15:41	

Sample Receipt Checklist
COC Seal Present/Intact: Y N / NP If Applicable
COC Signed/Accurate: Y N VOA Zero Headspace: Y N
Bottles arrive intact: Y N Pres. Correct/Check: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N Condition: NCF OK
RA Screen <0.5 mR/hr: Y N

Please email results to Diane Billings at diane.billings@pacelabs.com

Date Shipped: 7/10/25 Total # of Containers: 2 Sample Origin (State): IL PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH Date Results Needed: _____

Relinquished By	Date/Time	Received By	Date/Time	Sample Temperature Upon Receipt	_____ °C
<u>[Signature]</u>	<u>7/10/25 0550</u>	<u>Easton Gpm</u>	<u>7/11/25 0900</u>	Sample(s) Received on Ice	Y or N
				Proper Bottles Received in Good Condition	Y or N
				Bottles Filled with Adequate Volume	Y or N
				Samples Received Within Hold Time	Y or N
				Date/Time Taken From Sample Bottle	Y or N

ANALYTICAL REPORT

August 18, 2025

Pace IR - Peoria, IL

Sample Delivery Group: L1878532
Samples Received: 07/15/2025
Project Number: IG02084
Description:
Site: 01
Report To: Diane Billings
2231 W. Altorfer Drive
Peoria, IL 61615

Entire Report Reviewed By:

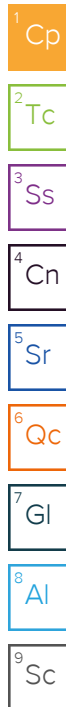


Ashley N Pullium
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com



Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
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Sc: Sample Chain of Custody	15	

SAMPLE SUMMARY

Collected by
Collected date/time
Received date/time

BA02L L1878532-01

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2570330	1	07/31/25 15:01	08/07/25 23:58	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2577193	1	08/12/25 10:31	08/15/25 20:45	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2577193	1	08/12/25 10:31	08/15/25 20:45	RGT	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

BA04 L1878532-02

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2570335	1	08/01/25 08:51	08/08/25 22:19	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2577193	1	08/12/25 10:31	08/15/25 20:45	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2577193	1	08/12/25 10:31	08/15/25 20:45	RGT	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

BA06 L1878532-03

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2570335	1	08/01/25 08:51	08/08/25 22:19	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2577193	1	08/12/25 10:31	08/15/25 20:45	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2577193	1	08/12/25 10:31	08/15/25 20:45	RGT	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

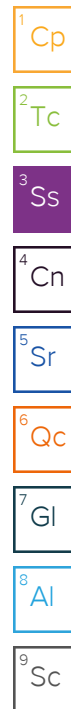
P60 L1878532-04

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2570335	1	08/01/25 08:51	08/08/25 22:19	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2577193	1	08/12/25 10:31	08/15/25 20:45	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2577193	1	08/12/25 10:31	08/15/25 20:45	RGT	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

FIELD BLANK L1878532-05

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2570335	1	08/01/25 08:51	08/08/25 22:19	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2577193	1	08/12/25 10:31	08/15/25 20:45	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2577193	1	08/12/25 10:31	08/15/25 20:45	RGT	Mt. Juliet, TN

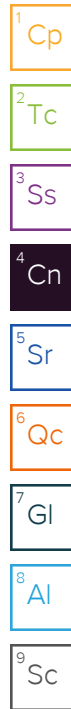


CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Ashley N Pullium
Project Manager



Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	2.81		0.847	0.921	1.26	0.443	08/07/2025 23:58	WG2570330
(T) Barium	83.8					30.0-143	08/07/2025 23:58	WG2570330
(T) Yttrium	83.1					30.0-136	08/07/2025 23:58	WG2570330

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	4.25		1.01	1.31	08/15/2025 20:45	WG2577193

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	1.45		0.541	0.726	0.360	0.109	08/15/2025 20:45	WG2577193
(T) Barium-133	81.5					30.0-143	08/15/2025 20:45	WG2577193

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.466	J	0.555	0.585	0.936	0.304	08/08/2025 22:19	WG2570335
(T) Barium	105					30.0-143	08/08/2025 22:19	WG2570335
(T) Yttrium	78.3					30.0-136	08/08/2025 22:19	WG2570335

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.940	J	0.636	0.987	08/15/2025 20:45	WG2577193

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.474		0.311	0.396	0.314	0.0951	08/15/2025 20:45	WG2577193
(T) Barium-133	83.0					30.0-143	08/15/2025 20:45	WG2577193

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.515	J	0.423	0.456	0.696	0.226	08/08/2025 22:19	WG2570335
(T) Barium	91.2					30.0-143	08/08/2025 22:19	WG2570335
(T) Yttrium	90.3					30.0-136	08/08/2025 22:19	WG2570335

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.545	J	0.460	0.784	08/15/2025 20:45	WG2577193

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.0299	U	0.180	0.202	0.361	0.106	08/15/2025 20:45	WG2577193
(T) Barium-133	76.5					30.0-143	08/15/2025 20:45	WG2577193

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.227	U	0.405	0.427	0.693	0.227	08/08/2025 22:19	WG2570335
(T) Barium	97.9					30.0-143	08/08/2025 22:19	WG2570335
(T) Yttrium	98.4					30.0-136	08/08/2025 22:19	WG2570335

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.446	J	0.481	0.780	08/15/2025 20:45	WG2577193

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.219	J	0.259	0.326	0.357	0.118	08/15/2025 20:45	WG2577193
(T) Barium-133	81.8					30.0-143	08/15/2025 20:45	WG2577193

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.955		0.378	0.423	0.572	0.186	08/08/2025 22:19	WG2570335
(T) Barium	113					30.0-143	08/08/2025 22:19	WG2570335
(T) Yttrium	105					30.0-136	08/08/2025 22:19	WG2570335

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.955		0.398	0.671	08/15/2025 20:45	WG2577193

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	-0.103	U	0.125	0.165	0.350	0.116	08/15/2025 20:45	WG2577193
(T) Barium-133	80.7					30.0-143	08/15/2025 20:45	WG2577193

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4256196-1 08/07/25 19:26

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-228	0.225	J	0.269	0.454	0.147
(T) Barium	102		102		
(T) Yttrium	90.6		90.6		

L1877877-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1877877-01 08/07/25 23:58 • (DUP) R4256196-5 08/07/25 19:26

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	0.646	0.655	1.09	0.381	0.690	0.674	1.12	0.363	6.66	0.0473	J	20	3
(T) Barium	98.4				85.4	85.4							
(T) Yttrium	79.4				89.8	89.8							

Laboratory Control Sample (LCS)

(LCS) R4256196-2 08/07/25 19:26

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	5.30	106	80.0-120	
(T) Barium			96.6		
(T) Yttrium			94.3		

L1877860-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1877860-02 08/07/25 19:26 • (MS) R4256196-3 08/07/25 19:26 • (MSD) R4256196-4 08/07/25 19:26

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	10.0	1.01	13.9	11.9	129	109	1	70.0-130			15.2		20
(T) Barium		91.3			86.9	96.6							
(T) Yttrium		105			83.1	89.8							

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4256423-6 08/11/25 18:10

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-228	0.0793	<u>U</u>	0.236	0.405	
(T) Barium	94.1		94.1		
(T) Yttrium	128		128		

L1879060-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1879060-05 08/08/25 22:19 • (DUP) R4256423-5 08/08/25 22:19

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	0.869	0.776	1.29	0.423	0.640	0.653	1.09		30.5	0.227	<u>J</u>	20	3
(T) Barium	123				103	103							
(T) Yttrium	77.6				74.8	74.8							

Laboratory Control Sample (LCS)

(LCS) R4256423-2 08/08/25 22:19

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	5.71	114	80.0-120	
(T) Barium			85.5		
(T) Yttrium			98.1		

L1878532-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1878532-02 08/08/25 22:19 • (MS) R4256423-3 08/08/25 22:19 • (MSD) R4256423-4 08/08/25 22:19

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	10.0	0.466	10.9	10.5	105	100	1	70.0-130			4.11		20
(T) Barium		105			112	112							
(T) Yttrium		78.3			89.7	90.4							

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

Method Blank (MB)

(MB) R4259822-2 08/15/25 20:45

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-226	-0.00664	<u>U</u>	0.0267	0.0551	
(T) Barium-133	88.3		88.3		

L1878532-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1878532-05 08/15/25 20:45 • (DUP) R4259822-5 08/15/25 20:45

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	-0.103	0.125	0.350	0.116	-0.114	0.195	0.456		0.000	0.0449	<u>U</u>	20	3
(T) Barium-133	80.7				84.3	84.3							

Laboratory Control Sample (LCS)

(LCS) R4259822-1 08/15/25 16:45

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.00	5.35	107	80.0-120	
(T) Barium-133			76.8		

L1878532-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1878532-01 08/15/25 20:45 • (MS) R4259822-3 08/15/25 20:45 • (MSD) R4259822-4 08/15/25 20:45

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	1.45	23.8	23.2	112	109	1	75.0-125			2.38		20
(T) Barium-133		81.5			79.0	81.4							

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

Guide to Reading and Understanding Your Laboratory Report

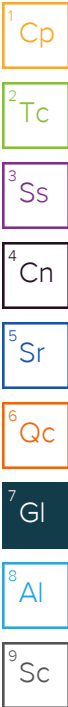
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDA	Minimum Detectable Activity.
Rec.	Recovery.
RER	Replicate Error Ratio.
TPU	Total Propagated Uncertainty reported at 2 sigma (counting error plus all measurable variables).
Lc	Decision Level or Critical Level. DOE required Detection limit at a 68% confidence level.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(T)	Tracer - A radioisotope of known concentration added to a solution of chemically equivalent radioisotopes at a known concentration to assist in monitoring the yield of the chemical separation.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
U	Below Detectable Limits: Indicates that the analyte was not detected.



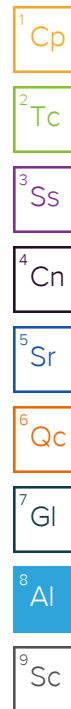
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC
IG02084

B215

SENDING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(800) 752-6651

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn
12065 Lebanon Rd
Mt Juliet, TN 37122
(615) 758-5858

11678532

Sample: IG02084-01
Name: BA02L

Sampled: 07/10/25 13:12
Matrix: Ground Water
Preservative: HNO3, pH <2

-01

Analysis	Due	Expires	Comments
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01-Radium 226/228 combined	07/23/25 16:00	01/06/26 13:12	
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Sample: IG02084-02
Name: BA04

Sampled: 07/10/25 14:38
Matrix: Ground Water
Preservative: HNO3, pH <2

-02

Analysis	Due	Expires	Comments
----------	-----	---------	----------

01-Radium 226/228 combined	07/23/25 16:00	01/06/26 14:38	
----------------------------	----------------	----------------	--

Sample: IG02084-03
Name: BA06

Sampled: 07/10/25 16:23
Matrix: Ground Water
Preservative: HNO3, pH <2

-03

Analysis	Due	Expires	Comments
----------	-----	---------	----------

01-Radium 226/228 combined	07/23/25 16:00	01/06/26 16:23	
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Sample: IG02084-04
Name: P60

Sampled: 07/10/25 14:37
Matrix: Ground Water
Preservative: HNO3, pH <2

-04

Analysis	Due	Expires	Comments
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01-Radium 226/228 combined	07/23/25 16:00	01/06/26 14:37	
----------------------------	----------------	----------------	--

Sample: IG02084-05
Name: G54L

Sampled: 07/10/25 11:38
Matrix: Ground Water
Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments
----------	-----	---------	----------

240+0.424.8

Sample Receipt Checklist
COC Seal Present/Intact: ☒ Y ☐ N NP If Applicable
COC Signed/Accurate: ☒ Y ☐ N VOA Zero Headspace: ☐ Y ☒ N
Bottles arrive intact: ☒ Y ☐ N Pres. Correct/Check: ☐ Y ☒ N
Correct bottles used: ☒ Y ☐ N Condition: ☒ NCF ☐ OK
Sufficient volume sent: ☒ Y ☐ N
RA Screen <0.5 mR/hr: ☒ Y ☐ N 6 TOTAL

SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC

IG02084

SENDING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(800) 752-6651

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn
12065 Lebanon Rd
Mt Juliet, TN 37122
(615) 758-5858

U4878532

Sample: IG02084-06
Name: Field Blank

Sampled: 07/10/25 16:15
Matrix: Ground Water
Preservative: HNO3, pH <2

-05

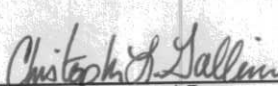
Analysis	Due	Expires	Comments
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01-Radium 226/228 combined	07/23/25 16:00	01/06/26 16:15	
----------------------------	----------------	----------------	--

Please email results to Diane Billings at diane.billings@pacelabs.com

Date Shipped: 7/14/25 Total # of Containers: 5 Sample Origin (State): IL PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH Date Results Needed: _____

Relinquished By	Date/Time	Received By	Date/Time	Sample Temperature Upon Receipt	_____ °C
	7/14/25 0945			Sample(s) Received on Ice	Y or N
				Proper Bottles Received in Good Condition	Y or N
				Bottles Filled with Adequate Volume	Y or N
				Samples Received Within Hold Time	Y or N
				Date/Time Taken From Sample Bottle	Y or N
Relinquished By	Date/Time	Received By	Date/Time		
			7/15/25 0900		

7/15 11878532 PACEPIL

R5

Time estimate: 0h

Time spent: 0h

Members



Hailey Robertson (responsible)



AP Ashley Pullium



Donna Eidson

Due on 18 July 2025 8:00 AM for target Done

- ☒ Login Clarification needed
- ☐ Chain of custody is incomplete
- ☐ Custody seal not intact
- ☐ Please specify Metals requested
- ☐ Please specify TCLP requested
- ☐ Received additional samples not listed on COC
- ☐ Sample IDs on containers do not match IDs on COC
- ☐ Client did not "X" analysis
- ☐ Chain of Custody is missing
- ☐ If no COC: Received by: _____
- ☐ If no COC: Date/Time: _____
- ☐ If no COC: Temp./Cont.Rec./pH: _____
- ☐ If no COC: Carrier: _____
- ☐ If no COC: Tracking #: _____
- ☐ Client informed by call
- ☐ Client informed by Email
- ☐ Client informed by Voicemail
- ☐ Date/Time: _____
- ☐ PM initials: _____
- ☐ Client Contact: _____

Comments

Hailey Robertson	15 July 2025 12:57 PM
Missing ID: G54L (IGo2084-05)	
Ashley Pullium	15 July 2025 1:51 PM
I have reached out to client to confirm. thank you	
Ashley Pullium	15 July 2025 2:01 PM
Sample -05 is to be cancelled. It was not collected or sent	
2025-07-15 14-00-30.snag	
Hailey Robertson	15 July 2025 2:02 PM
Done	

ANALYTICAL REPORT

August 07, 2025

Pace IR - Peoria, IL

Sample Delivery Group: L1879696

Samples Received: 07/18/2025

Project Number: IG02876

Description:

Report To: Diane Billings
2231 W. Altorfer Drive
Peoria, IL 61615

Entire Report Reviewed By:

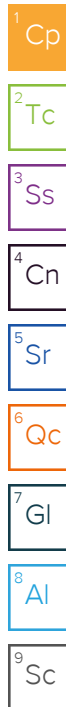


Ashley N Pullium
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com



Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
G02S L1879696-01	5	
Qc: Quality Control Summary	6	⁴ Cn
Radiochemistry by Method 904/9320	6	⁵ Sr
Radiochemistry by Method SM7500Ra B M	7	
Gl: Glossary of Terms	8	⁶ Qc
Al: Accreditations & Locations	9	⁷ Gl
Sc: Sample Chain of Custody	10	⁸ Al
		⁹ Sc

Collected by

Collected date/time
07/15/25 15:30

Received date/time
07/18/25 09:00

G02S L1879696-01

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2568278	1	07/30/25 14:23	08/02/25 12:20	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2570978	1	08/01/25 11:42	08/05/25 00:47	ZRG	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2570978	1	08/01/25 11:42	08/05/25 00:47	ZRG	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

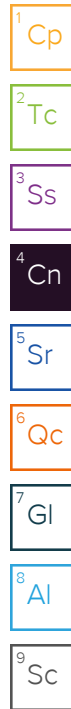
9Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Ashley N Pullium
Project Manager



Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.125	<u>U</u>	0.525	0.542	0.920	0.290	08/02/2025 12:20	WG2568278
(T) Barium	96.1					30.0-143	08/02/2025 12:20	WG2568278
(T) Yttrium	93.6					30.0-136	08/02/2025 12:20	WG2568278

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.321	<u>U</u>	0.550	0.933	08/05/2025 00:47	WG2570978

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.196		0.165	0.270	0.156	0.0273	08/05/2025 00:47	WG2570978
(T) Barium-133	113					30.0-143	08/05/2025 00:47	WG2570978

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4254000-1 08/02/25 12:20

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-228	-0.0782	<u>U</u>	0.295	0.530	0.168
(T) Barium	109		109		
(T) Yttrium	88.3		88.3		

L1879696-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1879696-01 08/02/25 12:20 • (DUP) R4254000-5 08/02/25 12:20

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	0.125	0.525	0.920	0.290	1.46	1.27	2.10	0.673	168	0.971	<u>J</u>	20	3
(T) Barium	96.1				114	114							
(T) Yttrium	93.6				88.6	88.6							

Laboratory Control Sample (LCS)

(LCS) R4254000-2 08/02/25 12:20

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	5.59	112	80.0-120	
(T) Barium			104		
(T) Yttrium			89.0		

L1882615-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1882615-25 08/02/25 12:20 • (MS) R4254000-3 08/02/25 12:20 • (MSD) R4254000-4 08/02/25 12:20

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	16.7	0.628	18.2	20.3	105	118	1	70.0-130			11.1		20
(T) Barium		102			105	96.2							
(T) Yttrium		110			93.2	91.0							

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

Method Blank (MB)

(MB) R4255493-1 08/05/25 00:47

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-226	0.00194	<u>U</u>	0.0258	0.0483	0.0184
(T) Barium-133	108		108		

L1880080-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1880080-02 08/05/25 00:47 • (DUP) R4255493-5 08/05/25 00:47

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	-0.0741	0.230	0.427	0.163	-0.0325	0.0711	0.253	0.0656	0.000	0.173	<u>U</u>	20	3
(T) Barium-133	110				113	113							

Laboratory Control Sample (LCS)

(LCS) R4255493-2 08/05/25 00:47

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.00	5.04	101	80.0-120	
(T) Barium-133			104		

L1879698-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1879698-01 08/05/25 00:47 • (MS) R4255493-3 08/05/25 00:47 • (MSD) R4255493-4 08/05/25 00:47

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	0.465	19.7	18.1	96.1	88.3	1	75.0-125			8.20		20
(T) Barium-133		93.8			107	104							

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Guide to Reading and Understanding Your Laboratory Report

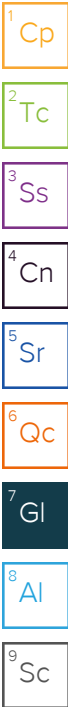
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDA	Minimum Detectable Activity.
Rec.	Recovery.
RER	Replicate Error Ratio.
TPU	Total Propagated Uncertainty reported at 2 sigma (counting error plus all measurable variables).
Lc	Decision Level or Critical Level. DOE required Detection limit at a 68% confidence level.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(T)	Tracer - A radioisotope of known concentration added to a solution of chemically equivalent radioisotopes at a known concentration to assist in monitoring the yield of the chemical separation.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
U	Below Detectable Limits: Indicates that the analyte was not detected.



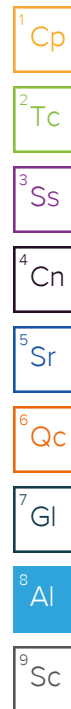
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



SUBCONTRACT ORDER
Transfer Chain of Custody

C046

Pace Analytical Services, LLC

IG02876

89

SENDING LABORATORY

PDC Laboratories, Inc.

2231 W Altkorfer Dr

Peoria, IL 61615

(800) 752-6651

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn

12065 Lebanon Rd

Mt Juliet, TN 37122

(615) 758-5858

Sample: IG02876-01

Name: G02S

Sampled: 07/15/25 15:30

Matrix: Ground Water

Preservative: HNO3, pH <2

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	07/28/25 16:00	01/11/26 15:30	-Q1

7/19 AMB 8:38 5432 2511

Sample Receipt Checklist	
COC Seal Present/Intact: ☒ Y ☒ N ☒ NP	If Applicable
COC Signed/Accurate: ☒ Y ☒ N	VOA Zero Headspace: ☒ Y ☒ N
Bottles arrive intact: ☒ Y ☒ N	Pres. Correct/Check: ☒ Y ☒ N
Correct bottles used: ☒ Y ☒ N	Condition: ☒ NCF ☒ OK
Sufficient volume sent: ☒ Y ☒ N	
RA Screen <0.5 mR/hr: ☒ Y ☒ N	

Containers: 1

Please email results to Diane Billings at diane.billings@pacelabs.com

Date Shipped: 7/17/25 Total # of Containers: 1 Sample Origin (State): IL PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH Date Results Needed: _____

Relinquished By <u>[Signature]</u>	Date/Time <u>7/17/25 0735</u>	Received By <u>[Signature]</u>	Date/Time <u>07/18/25 0900</u>	Sample Temperature Upon Receipt _____ °C
Relinquished By _____	Date/Time _____	Received By _____	Date/Time _____	Sample(s) Received on Ice _____ Y or N
Relinquished By _____	Date/Time _____	Received By _____	Date/Time _____	Proper Bottles Received in Good Condition _____ Y or N
Relinquished By _____	Date/Time _____	Received By _____	Date/Time _____	Bottles Filled with Adequate Volume _____ Y or N
Relinquished By _____	Date/Time _____	Received By _____	Date/Time _____	Samples Received Within Hold Time _____ Y or N
Relinquished By _____	Date/Time _____	Received By _____	Date/Time _____	Date/Time Taken From Sample Bottle _____ Y or N

ANALYTICAL REPORT

August 15, 2025

Revised Report

Pace IR - Peoria, IL

Sample Delivery Group: L1880080

Samples Received: 07/19/2025

Project Number: IG03238

Description: IG03238

Report To: Diane Billings
2231 W. Altorfer Drive
Peoria, IL 61615

Entire Report Reviewed By:

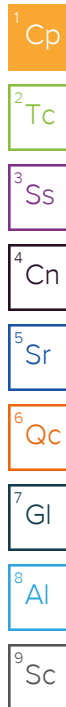


Ashley N Pullium
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com



Cp: Cover Page	1	1 Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	2 Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	3 Ss
BA05 L1880080-01	5	
G60L L1880080-02	6	4 Cn
G60S L1880080-03	7	5 Sr
Qc: Quality Control Summary	8	
Radiochemistry by Method 904/9320	8	6 Qc
Radiochemistry by Method SM7500Ra B M	9	
Gl: Glossary of Terms	11	7 Gl
Al: Accreditations & Locations	12	8 Al
Sc: Sample Chain of Custody	13	9 Sc

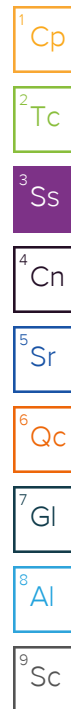
SAMPLE SUMMARY

BA05 L1880080-01

Collected by
Collected date/time
Received date/time

07/16/25 13:00
07/19/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2569978	1	07/31/25 07:53	08/04/25 21:53	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2570978	1	08/01/25 11:42	08/05/25 00:47	ZRG	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2570978	1	08/01/25 11:42	08/05/25 00:47	ZRG	Mt. Juliet, TN



G60L L1880080-02

Collected by
Collected date/time
Received date/time

07/16/25 13:20
07/19/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2569978	1	07/31/25 07:53	08/04/25 21:53	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2570978	1	08/01/25 11:42	08/05/25 00:47	ZRG	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2570978	1	08/01/25 11:42	08/05/25 00:47	ZRG	Mt. Juliet, TN

G60S L1880080-03

Collected by
Collected date/time
Received date/time

07/16/25 14:26
07/19/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2569978	1	07/31/25 07:53	08/04/25 21:53	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2571051	1	08/02/25 11:22	08/05/25 19:00	ZRG	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2571051	1	08/02/25 11:22	08/05/25 19:00	ZRG	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



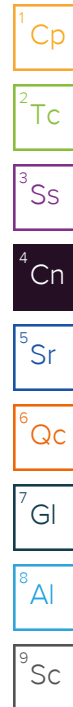
Ashley N Pullium
Project Manager

Report Revision History

Level II Report - Version 1: 08/07/25 17:27

Project Narrative

Updated collection time AP



Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	1.57		0.909	0.965	1.47	0.463	08/04/2025 21:53	WG2569978
(T) Barium	76.4					30.0-143	08/04/2025 21:53	WG2569978
(T) Yttrium	88.6					30.0-136	08/04/2025 21:53	WG2569978

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.97		0.941	1.48	08/05/2025 00:47	WG2570978

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.408		0.243	0.398	0.208	0.0541	08/05/2025 00:47	WG2570978
(T) Barium-133	105					30.0-143	08/05/2025 00:47	WG2570978

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	0.880	J	0.761	0.805	1.26	0.399	08/04/2025 21:53	WG2569978
(T) Barium	87.9					30.0-143	08/04/2025 21:53	WG2569978
(T) Yttrium	97.7					30.0-136	08/04/2025 21:53	WG2569978

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.880	J	0.795	1.33	08/05/2025 00:47	WG2570978

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	-0.0741	U	0.230	0.296	0.427	0.163	08/05/2025 00:47	WG2570978
(T) Barium-133	110					30.0-143	08/05/2025 00:47	WG2570978

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	1.13	J	0.901	0.950	1.49	0.473	08/04/2025 21:53	WG2569978
(T) Barium	86.1					30.0-143	08/04/2025 21:53	WG2569978
(T) Yttrium	92.8					30.0-136	08/04/2025 21:53	WG2569978

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.34	J	0.925	1.51	08/05/2025 19:00	WG2571051

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.218	J	0.211	0.330	0.261	0.0743	08/05/2025 19:00	WG2571051
(T) Barium-133	110					30.0-143	08/05/2025 19:00	WG2571051

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4254498-1 08/04/25 21:53

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-228	0.279	⬇	0.327	0.551	0.173
(T) Barium	98.9		98.9		
(T) Yttrium	86.5		86.5		

L1880080-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1880080-02 08/04/25 21:53 • (DUP) R4254498-5 08/04/25 21:53

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	0.880	0.761	1.26	0.399	2.95	1.45	2.32	0.734	108	1.26		20	3
(T) Barium	87.9				95.9	95.9							
(T) Yttrium	97.7				84.2	84.2							

Laboratory Control Sample (LCS)

(LCS) R4254498-2 08/04/25 21:53

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	5.95	119	80.0-120	
(T) Barium			100		
(T) Yttrium			95.0		

L1883279-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1883279-18 08/04/25 21:53 • (MS) R4254498-3 08/04/25 21:53 • (MSD) R4254498-4 08/04/25 21:53

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	16.7	0.854	19.9	19.6	114	112	1	70.0-130			1.32		20
(T) Barium		90.1			92.6	96.0							
(T) Yttrium		100			94.8	95.8							

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4255493-1 08/05/25 00:47

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-226	0.00194	<u>U</u>	0.0258	0.0483	0.0184
(T) Barium-133	108		108		

L1880080-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1880080-02 08/05/25 00:47 • (DUP) R4255493-5 08/05/25 00:47

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	-0.0741	0.230	0.427	0.163	-0.0325	0.0711	0.253	0.0656	0.000	0.173	<u>U</u>	20	3
(T) Barium-133	110				113	113							

Laboratory Control Sample (LCS)

(LCS) R4255493-2 08/05/25 00:47

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.00	5.04	101	80.0-120	
(T) Barium-133			104		

L1879698-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1879698-01 08/05/25 00:47 • (MS) R4255493-3 08/05/25 00:47 • (MSD) R4255493-4 08/05/25 00:47

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	0.465	19.7	18.1	96.1	88.3	1	75.0-125			8.20		20
(T) Barium-133		93.8			107	104							

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

Method Blank (MB)

(MB) R4254837-1 08/04/25 19:23

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-226	0.00195	<u>U</u>	0.0373	0.0765	0.0237
(T) Barium-133	106		106		

L1880080-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1880080-03 08/05/25 19:00 • (DUP) R4254837-5 08/04/25 19:23

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	0.218	0.211	0.261	0.0743	0.311	0.264	0.314	0.0993	35.2	0.275	<u>J</u>	20	3
(T) Barium-133	110				110	110							

Laboratory Control Sample (LCS)

(LCS) R4254837-2 08/04/25 19:23

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.00	5.99	120	80.0-120	
(T) Barium-133			110		

L1882627-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1882627-21 08/05/25 19:00 • (MS) R4254837-3 08/04/25 19:23 • (MSD) R4254837-4 08/04/25 19:23

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	0.162	22.6	21.3	112	106	1	75.0-125			5.82		20
(T) Barium-133		109			108	108							

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

Guide to Reading and Understanding Your Laboratory Report

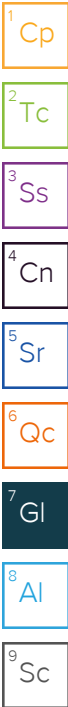
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDA	Minimum Detectable Activity.
Rec.	Recovery.
RER	Replicate Error Ratio.
TPU	Total Propagated Uncertainty reported at 2 sigma (counting error plus all measurable variables).
Lc	Decision Level or Critical Level. DOE required Detection limit at a 68% confidence level.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(T)	Tracer - A radioisotope of known concentration added to a solution of chemically equivalent radioisotopes at a known concentration to assist in monitoring the yield of the chemical separation.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
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Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
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Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
U	Below Detectable Limits: Indicates that the analyte was not detected.



ACCREDITATIONS & LOCATIONS

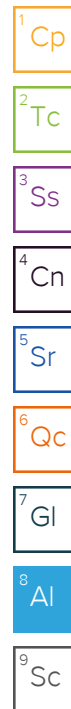
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC
IG03238

K003

SENDING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(800) 752-6651

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn
12065 Lebanon Rd
Mt Juliet, TN 37122
(615) 758-5858

4886660

Sample: IG03238-01
Name: BA05

Sampled: 07/16/25 13:00
Matrix: Ground Water
Preservative: HNO₃, pH <2

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	07/29/25 16:00	01/12/26 13:00	<i>-a</i>

Sample: IG03238-02
Name: G60L

Sampled: 07/16/25 11:40
Matrix: Ground Water
Preservative: HNO₃, pH <2

1320
> 1/22/25
dd

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	07/29/25 16:00	01/12/26 11:40	<i>on</i>

Sample: IG03238-03
Name: G60S

Sampled: 07/16/25 14:26
Matrix: Ground Water
Preservative: HNO₃, pH <2

Analysis	Due	Expires	Comments
01-Radium 226/228 combined	07/29/25 16:00	01/12/26 14:26	<i>97</i>

TLA9 Amb TRK: 8828 8980 5517
Sample Receipt Checklist
COC Seal Present/Intact: ☒ Y ☐ N ☐ N/A If Applicable
COC Signed/Accurate: ☒ Y ☐ N VOA Zero Headspace: ☐ Y ☒ N
Bottles arrive intact: ☒ Y ☐ N Pres. Correct/Check: ☐ Y ☒ N
Correct bottles used: ☒ Y ☐ N
Sufficient volume sent: ☒ Y ☐ N Condition: ☐ RCF ☒ OK
RA Screen <0.5 mR/hr: ☒ Y ☐ N *Count = 4*

Please email results to Diane Billings at diane.billings@pacelabs.com

Date Shipped: 7/18/25 Total # of Containers: 3 Sample Origin (State): IL PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH Date Results Needed: _____

<i>[Signature]</i> <u>7/18/25 1040</u>	<i>[Signature]</i> <u>7/19/25</u>	Sample Temperature Upon Receipt _____ °C
Relinquished By	Date/Time	Received By
		Sample(s) Received on Ice Y or N
		8:30am
		Proper Bottles Received in Good Condition Y or N
		Bottles Filled with Adequate Volume Y or N
		Samples Received Within Hold Time Y or N
Relinquished By	Date/Time	Received By
		Date/Time Taken From Sample Bottle Y or N

ANALYTICAL REPORT

August 07, 2025

Pace IR - Peoria, IL

Sample Delivery Group: L1880681

Samples Received: 07/19/2025

Project Number: IG03238

Description: IG03484

Report To: Diane Billings
2231 W. Altorfer Drive
Peoria, IL 61615

Entire Report Reviewed By:

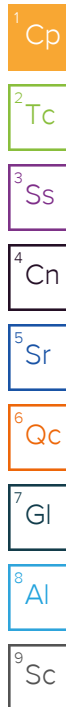


Ashley N Pullium
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com



Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
G61S L1880681-01	5	
Qc: Quality Control Summary	6	⁴ Cn
Radiochemistry by Method 904/9320	6	⁵ Sr
Radiochemistry by Method SM7500Ra B M	7	
Gl: Glossary of Terms	8	⁶ Qc
Al: Accreditations & Locations	9	⁷ Gl
Sc: Sample Chain of Custody	10	⁸ Al
		⁹ Sc

Collected by

Collected date/time
07/17/25 11:32

Received date/time
07/19/25 08:30

G61S L1880681-01

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2569978	1	07/31/25 07:53	08/04/25 21:53	DDD	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2571051	1	08/02/25 11:22	08/05/25 19:00	ZRG	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2571051	1	08/02/25 11:22	08/05/25 19:00	ZRG	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

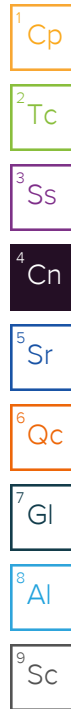
⁹Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Ashley N Pullium
Project Manager



Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-228	1.33	J	0.852	0.907	1.39	0.438	08/04/2025 21:53	WG2569978
(T) Barium	86.2					30.0-143	08/04/2025 21:53	WG2569978
(T) Yttrium	93.5					30.0-136	08/04/2025 21:53	WG2569978

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.62		0.879	1.40	08/05/2025 19:00	WG2571051

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	2 sigma CE	TPU	MDA	Lc	Analysis Date	Batch
	pCi/l		+ / -	+ / -	pCi/l	pCi/l	date / time	
RADIUM-226	0.299		0.215	0.356	0.177	0.0310	08/05/2025 19:00	WG2571051
(T) Barium-133	108					30.0-143	08/05/2025 19:00	WG2571051

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4254498-1 08/04/25 21:53

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-228	0.279	↓	0.327	0.551	0.173
(T) Barium	98.9		98.9		
(T) Yttrium	86.5		86.5		

L1880080-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1880080-02 08/04/25 21:53 • (DUP) R4254498-5 08/04/25 21:53

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	0.880	0.761	1.26	0.399	2.95	1.45	2.32	0.734	108	1.26		20	3
(T) Barium	87.9				95.9	95.9							
(T) Yttrium	97.7				84.2	84.2							

Laboratory Control Sample (LCS)

(LCS) R4254498-2 08/04/25 21:53

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	5.95	119	80.0-120	
(T) Barium			100		
(T) Yttrium			95.0		

L1883279-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1883279-18 08/04/25 21:53 • (MS) R4254498-3 08/04/25 21:53 • (MSD) R4254498-4 08/04/25 21:53

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	16.7	0.854	19.9	19.6	114	112	1	70.0-130			1.32		20
(T) Barium		90.1			92.6	96.0							
(T) Yttrium		100			94.8	95.8							

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Method Blank (MB)

(MB) R4254837-1 08/04/25 19:23

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-226	0.00195	<u>U</u>	0.0373	0.0765	0.0237
(T) Barium-133	106		106		

L1880080-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1880080-03 08/05/25 19:00 • (DUP) R4254837-5 08/04/25 19:23

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	0.218	0.211	0.261	0.0743	0.311	0.264	0.314	0.0993	35.2	0.275	<u>J</u>	20	3
(T) Barium-133	110				110	110							

Laboratory Control Sample (LCS)

(LCS) R4254837-2 08/04/25 19:23

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.00	5.99	120	80.0-120	
(T) Barium-133			110		

L1882627-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1882627-21 08/05/25 19:00 • (MS) R4254837-3 08/04/25 19:23 • (MSD) R4254837-4 08/04/25 19:23

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	0.162	22.6	21.3	112	106	1	75.0-125			5.82		20
(T) Barium-133		109			108	108							

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

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SDG	Sample Delivery Group.
(T)	Tracer - A radioisotope of known concentration added to a solution of chemically equivalent radioisotopes at a known concentration to assist in monitoring the yield of the chemical separation.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
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J (Radiochemistry)	Result < MDA; Result + Error > MDA.
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Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
U	Below Detectable Limits: Indicates that the analyte was not detected.

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

ACCREDITATIONS & LOCATIONS

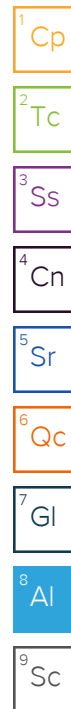
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Pace Analytical Services, LLC

RECEIVING LABORATORY

Pace Analytical - Mt Juliet, Tn
12065 Lebanon Rd
Mt Juliet, TN 37122
(615) 758-5858

L1880681
~~L1880681~~ 1V
7/22/25

Sampled: 07/17/25 11:32
Matrix: Ground Water
Preservative: HNO₃, pH <2

CHAIN-OF-CUSTODY / Analytical Request Document

Section A Required Client Information				Section B Required Project Information				Section C Invoice Information				Section D Valid Matrix Codes			
Company: Vista Corp-Duck Creek				Report to: Brian Voelker				Attention: Brian Voelker				Valid Matrix Codes			
Address: 17751 North Chico Rd				Copy to: Dany Johnson, Robert Johnson@vistracorp.com				Company Name: Vista Corp				GROUND WATER GW			
City: Canton, IL 61520				Purchase Order No.:				Address: see Section A				WASTE WATER WW			
Email to: Brian Voelker@vistracorp.com				Project Name:				NPD/S: GROUND WATER				PRODUCT P			
Phone: (217) 753-8911				Project Number:				UST: DRINKING WATER				SOL/SOLID S			
Requested Due Date/AT: 10 day				Project Manager:				RCRA: OTHER				OC WATER W			
				Project #				STATE: IL				AIR A			
												OT T			
												TS TS			
ITEM #				MATRIX CODE (see valid codes to left)				SAMPLE TYPE (G=GRAB C=COMP)				COLLECTED			
1				BA01				7-3-25				11/4			
2				BA02				7-3-25				12/54			
3				BA03				7-3-25				16/16			
4				BA03L				7-3-25				15/11			
5				BA03L-Dip				7-3-25				15/11			
6				T44L				7-3-25				13/10			
7				T44L-Dip				7-3-25				13/10			
8				T45L				7-3-25				11/33			
9				T46L				7-3-25				10/32			
10															
11															
12															
13															
14															
15															
16															
ADDITIONAL COMMENTS				REMOVED BY / AFFILIATION				DATE				TIME			
DC-2503 Rev 1				Justin Moore / Vista Corp				7/31				7/31			
SAMPLER NAME AND SIGNATURE				PRINT NAME OF SAMPLER:				DATE Signed (MM/DD/YYYY)				Temp in °C			
Justin Moore				Justin Moore				07/03/25				+2			
SIGNATURE OF SAMPLER:				DATE				TIME				Received on Ice (Y/N)			
Justin Moore				7/31				7/31				Custody Sealed Cooler (Y/N)			
												Samples Intact (Y/N)			

IG00787

IG00815

IR Gun # 18
Correction Factor (Deg C) +2
Observed Temp (Deg C) 1.1
Corrected Temp (Deg C) 1.3
Delivery Method: FedEx UPS Walk-in USPS (Other)

ENV-FRM-PEOR-0098 v05_Sample Condition Upon Receipt

Client Name: Nistva Dwell Creek Work Order #: 00787 Completed by / Date: SS 7/3/25

Custody seal on cooler/box present and seal intact:	☐ Yes ☐ No ☒ N/A
Chain of Custody (CoC) Present:	☒ Yes ☐ No
CoC is Legible:	☒ Yes ☐ No
Sampler Name Present on CoC:	☒ Yes ☐ No
Sampler Signature Present on CoC:	☒ Yes ☐ No
Sample Collection Date Present on CoC:	☒ Yes ☐ No
Sample Collection Time Present on CoC:	☒ Yes ☐ No
CoC Relinquished by Client:	☒ Yes ☐ No
Unique Sample ID's Present on CoC:	☒ Yes ☐ No
CoC and Sample Container Labels Match:	☒ Yes ☐ No
Sample chilling process started prior to receipt: If yes, what type of ice:	☒ Yes ☐ No ☐ N/A ☒ Wet ☐ Blue
Samples received within temperature compliance: ($\leq 6^{\circ}\text{C}$, but above freezing or received same day collected and chill process started prior to receipt)	☒ Yes ☐ No ☐ N/A
Container(s) Received Intact:	☒ Yes ☐ No
Containers Received Labeled and Labels are Legible:	☒ Yes ☐ No
Appropriate Bottles Received for Analysis Requested:	☒ Yes ☐ No
Sufficient Sample Volume Received:	☒ Yes ☐ No
USDA Regulated Soil: Country of Origin: _____ State of Origin: _____	☐ Yes ☐ No ☒ N/A
Trip Blank(s) Received: If present, are they Listed on CoC:	☐ Yes ☐ No ☒ N/A ☐ Yes ☐ No
VOA vials are free of any headspace larger than pea sized bubble ($>6\text{mm}$) – Applies to methods 8260, 624, 524.2 - including THM vials If headspace is present, note sample ID and # of vials	☐ Yes ☐ No ☒ N/A
All (Non-Field) Analysis Received Within Hold Times:	☒ Yes ☐ No
Rush Turn Around Time Requested or Time Sensitive Analysis:	☐ Yes ☒ No
Short Hold Time Analysis (48 Hours or Less):	☐ Yes ☒ No

Client Notification/ Resolution:

If checked, please see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample.

1600952

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 10

Section A Requested Client Information:				Section B Requested Project Information:				Section C Invoice Information:				Section D Regulatory Agency			
Company: Vistra Corp-Duck Creek				Report To: Brian Voelker				Attention: Brian Voelker				REGULATORY AGENCY			
Address: 1751 North Clio Rd Canton, IL 61520				Copy To: Dary Johnson, Robert Johnson@vistracorp.com				Company Name: Vistra Corp				NPDES GROUND WATER DRINKING WATER			
Email To: Brian.Voelker@vistracorp.com				Purchase Order No.:				Address: see Section A				USE RCRA OTHER			
Phone: (217) 753-8911 Fax:				Project Name:				Project Reference:				Site Location			
Requested Due Date/AT: 10 day				Project Number:				Project Manager:				STATE: IL			

ITEM #	Valid Matrix Codes Section D Required Client Information SAMPLE ID (A-Z 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No/ Lab ID.
								H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₈	Methanol	Other					
1	0515	40 G	070725	1230	5	X	X	X	X	X	X	X	X	X					
2	0558			1129	3	X	X	X	X	X	X	X	X	X					
3	0561			1051	3	X	X	X	X	X	X	X	X	X					
4	0565			1518	3	X	X	X	X	X	X	X	X	X					
5	0505			1421	3	X	X	X	X	X	X	X	X	X					
6	0521			1123	3	X	X	X	X	X	X	X	X	X					
7	0531			1345	3	X	X	X	X	X	X	X	X	X					
8	0535			1232	3	X	X	X	X	X	X	X	X	X					
9	0545			1515	4	X	X	X	X	X	X	X	X	X					
10	0546			1230	4	X	X	X	X	X	X	X	X	X					
11	0545			1425	4	X	X	X	X	X	X	X	X	X					
12	0531			1510	3	X	X	X	X	X	X	X	X	X					
13	0535			1550	3	X	X	X	X	X	X	X	X	X					
14	0591			1220	6	X	X	X	X	X	X	X	X	X					
15	0595			1312	3	X	X	X	X	X	X	X	X	X					
16	0601			1424	3	X	X	X	X	X	X	X	X	X					

ADDITIONAL COMMENTS		REQUISITIONED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS			
DC-2503 Rev 1		[Signature]		07/07/25		1230		[Signature]		07/07/25		1230		Temp in °C			
														Received on Ice (Y/N)			
														Custody Sealed Cooler (Y/N)			
														Samples Intact (Y/N)			

* Wells being resampled 7/15/25 AB

Field Samples

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Requested Client Information

Company: **Vistra Corp Duck Creek**
Address: **17751 North Cicero Rd**
Carleton, IL 61520
Email To: **Brian.Voelker@VistraCorp.com**
Phone: **(217) 753-8911** Fax:
Requested Date/Time/AT: **10 day**

Section B Requested Project Information

Report To: **Brian Voelker**
Copy To: **Darryl Johnson, Robert Johnson@vistracorp.com**
Purchase Order No.:
Project Name:
Project Number:

Section C Invoice Information:

Attention: **Brian Voelker**
Company Name: **Vistra Corp**
Address: **see Section A**
City: **Carleton**
State: **IL**
Zip: **61520**

REGULATORY AGENCY

NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐
UST ☐ RCRA ☐ OTHER ☐
Site Location: **IL**
STATE: **IL**

1G00949

ITEM #	Valid Matrix Codes (A-Z, 0-9 /) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMPOUND)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No./Lab ID.
				DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₅	Methanol	Other						
1	G605	306070705	15/5	4	X	X	X														
2	G615	306070705	1604	4	X	X	X														
3	G69L	306070705	1200	3	X	X	X														
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					
13																					
14																					
15																					
16																					

ADDITIONAL COMMENTS: **DC-2503 Rev 1**

REMOVED BY / AFFILIATION: **07/07/25**

DATE: **07/07/25**

TIME: **17:30**

ACCEPTED BY / AFFILIATION: **Baldernour**

DATE: **07/07/25**

TIME: **17:30**

SAMPLE CONDITIONS:

Temp in °C: **0.1°C**

Received on ice (Y/N): **Yes**

Custody Sealed Cooler (Y/N): **Yes**

Samples Intact (Y/N): **Yes**

ENV-FRM-PEOR-0098 v05_Sample Condition Upon Receipt

Client Name: Visteon Corp ^{Duck Creek} Work Order #: _____ Completed by / Date: BPT 07/07/21

Custody seal on cooler/box present and seal intact:	☐ Yes ☐ No ☒ N/A	
Chain of Custody (CoC) Present:	☒ Yes ☐ No	
CoC is Legible:	☒ Yes ☐ No	
Sampler Name Present on CoC:	☒ Yes ☐ No	
Sampler Signature Present on CoC:	☒ Yes ☐ No	
Sample Collection Date Present on CoC:	☒ Yes ☐ No	
Sample Collection Time Present on CoC:	☒ Yes ☐ No	
CoC Relinquished by Client:	☐ Yes ☐ No	
Unique Sample ID's Present on CoC:	☒ Yes ☐ No	
CoC and Sample Container Labels Match:	☒ Yes ☐ No	
Sample chilling process started prior to receipt: If yes, what type of ice:	☒ Yes ☐ No ☐ N/A ☒ Wet ☐ Blue	
Samples received within temperature compliance: ($\leq 6^{\circ}\text{C}$, but above freezing or received same day collected and chill process started prior to receipt)	☒ Yes ☐ No ☐ N/A	
Container(s) Received Intact:	☒ Yes ☐ No	
Containers Received Labeled and Labels are Legible:	☒ Yes ☐ No	
Appropriate Bottles Received for Analysis Requested:	☒ Yes ☐ No	
Sufficient Sample Volume Received:	☒ Yes ☐ No	
USDA Regulated Soil:		
Country of Origin: _____	☐ Yes ☐ No ☒ N/A	
State of Origin: _____		
Trip Blank(s) Received:	☐ Yes ☐ No ☒ N/A	
If present, are they Listed on CoC:	☐ Yes ☒ No	
VOA vials are free of any headspace larger than pea sized bubble (>6mm) – Applies to methods 8260, 624, 524.2 - including THM vials If headspace is present, note sample ID and # of vials	☐ Yes ☐ No ☒ N/A	
All (Non-Field) Analysis Received Within Hold Times:	☒ Yes ☐ No	
Rush Turn Around Time Requested or Time Sensitive Analysis:	☐ Yes ☒ No	
Short Hold Time Analysis (48 Hours or Less):	☐ Yes ☐ No	

Client Notification/ Resolution: _____ If checked, please see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample.

The Chain-of-Custody is a **LEGAL DOCUMENT**. All relevant fields must be completed accurately.

CHAIN-OF-CUSTODY / Analytical Request Document

Section C
Invoice Information:

Page: 1 of 10

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Section D Valid Matrix Codes Required Client Information																		
MATRIX CODE	DRINKING WATER	DW	GROUND WATER	GW	WASTE WATER	WW	PRODUCT	P	SOLID	SL	OL	WIPE	WP	MR	OTHER	O	TSS	TS
SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE																		
MATRIX CODE (see valid codes to left)																		
SAMPLE TYPE (G=GRAB C=COMP)																		
DATE																		
TIME																		
SAMPLE TEMP AT COLLECTION																		
# OF CONTAINERS																		
Unpreserved																		
H ₂ SO ₄																		
HNO ₃																		
HCl																		
NaOH																		
Na ₂ S ₂ O ₃																		
Methanol																		
Other																		
Analysis Test ↓																		
DC-257-203																		
DC-257-204																		
DC-257-205																		
DC-811-204																		
DC-845-203																		
DC-845-205																		
DC-CLOSURE-201-202																		
DC-SUP-000																		
DC-WPCP-203-206																		
Residual Chlorine (Y/N)																		
Project No./ Lab I.D.																		

ITEM #	MATRIX CODE	SAMPLE TYPE	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Y/N	Analysis Test ↓	DC-257-203	DC-257-204	DC-257-205	DC-811-204	DC-845-203	DC-845-205	DC-CLOSURE-201-202	DC-SUP-000	DC-WPCP-203-206	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G56L	G	07/08/25	1259	3 X	X	X													
2	G57L	G	07/08/25	1433	3 X	X	X													
3	G57S	G	07/08/25	1532	4 X	X	X													
4	G58L	G	07/08/25	1825	3 X	X	X													
5	G58S	G	07/08/25	1810	3 X	X	X													
6	G62L	G	07/08/25	1150	4 X	X	X													
7	G65L	G	07/08/25	1506	3 X	X	X													
8	G65S	G	07/08/25	1530	3 X	X	X													
9	G66L	G	07/08/25	1420	3 X	X	X													
10	G66S	G	07/08/25	1355	3 X	X	X													
11																				
12																				
13																				
14																				
15																				
16																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
DC-25Q3 Rev 1	[Signature]	07/08/25	1644	[Signature]	07/08/25	1644	

SAMPLER NAME AND SIGNATURE	PRINT Name of SAMPLER:	DATE Signed (MM/DD/YYYY)	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
[Signature]	Haley B. Leslie	07/08/25				

ENV-FRM-PEOR-0098 v05_Sample Condition Upon Receipt

Client Name: Uista Work Order #: 01263 Completed by / Date: 1601282
ND 7825

Custody seal on cooler/box present and seal intact:	☐ Yes ☐ No ☒ N/A	
Chain of Custody (CoC) Present:	☒ Yes ☐ No	
CoC is Legible:	☒ Yes ☐ No	
Sampler Name Present on CoC:	☒ Yes ☐ No	
Sampler Signature Present on CoC:	☒ Yes ☐ No	
Sample Collection Date Present on CoC:	☒ Yes ☐ No	
Sample Collection Time Present on CoC:	☒ Yes ☐ No	
CoC Relinquished by Client:	☐ Yes ☐ No	
Unique Sample ID's Present on CoC:	☒ Yes ☐ No	
CoC and Sample Container Labels Match:	☒ Yes ☐ No	
Sample chilling process started prior to receipt: If yes, what type of ice:	☒ Yes ☐ No ☐ N/A ☐ Wet ☐ Blue	
Samples received within temperature compliance: ($\leq 6^{\circ}\text{C}$, but above freezing or received same day collected and chill process started prior to receipt)	☒ Yes ☐ No ☐ N/A	
Container(s) Received Intact:	☒ Yes ☐ No	
Containers Received Labeled and Labels are Legible:	☒ Yes ☐ No	
Appropriate Bottles Received for Analysis Requested:	☒ Yes ☐ No	
Sufficient Sample Volume Received:	☒ Yes ☐ No	
USDA Regulated Soil: Country of Origin: _____ State of Origin: _____	☐ Yes ☐ No ☒ N/A	
Trip Blank(s) Received: If present, are they Listed on CoC:	☐ Yes ☐ No ☒ N/A ☐ Yes ☐ No	
VOA vials are free of any headspace larger than pea sized bubble (>6mm) – Applies to methods 8260, 624, 524.2 - including THM vials If headspace is present, note sample ID and # of vials	☐ Yes ☐ No ☒ N/A	
All (Non-Field) Analysis Received Within Hold Times:	☒ Yes ☐ No	
Rush Turn Around Time Requested or Time Sensitive Analysis:	☐ Yes ☒ No	
Short Hold Time Analysis (48 Hours or Less):	☐ Yes ☒ No	

Client Notification/ Resolution:

If checked, please see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample.

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1G-02053

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Section A Required Client Information										Section B Required Project Information										Section C Invoice Information									
Company		Vistra Corp-Duck Creek		Report To		Brian Voelker		Company Name		Vistra Corp		Attention		Brian Voelker		Invoice Information		Project Name		See Section A		REGULATORY AGENCY							
Address		17751 North Chico Rd		Copy To		Daryl Johnson, Robert Johnson@vistracorp.com		Address		See Section A		Ground Water		Drinking Water		Other		Project Number		Project Name		Ground Water							
Email To		Brian.Voelker@vistracorp.com		Purchase Order No.				Address		See Section A		Ground Water		Drinking Water		Other		Project Number		Project Name		Ground Water							
Phone		(217) 753-8931		Fax				Address		See Section A		Ground Water		Drinking Water		Other		Project Number		Project Name		Ground Water							
Requested Due Date/AT		10 day		Project Number				Address		See Section A		Ground Water		Drinking Water		Other		Project Number		Project Name		Ground Water							
Section D Required Client Information										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
Sample IDs MUST BE UNIQUE										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
SAMPLE ID (A-Z, 0-9 / -)										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
ITEM #										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
1										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
2										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
3										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
4										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
5										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
6										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
7										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
8										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
9										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
10										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
11										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
12										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
13										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
14										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
15										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
16										Valid Matrix Codes										Requested Analysis Filtered (Y/N)									
ADDITIONAL COMMENTS										RELINQUISHED BY / AFFILIATION										DATE									
DC-25AQ3 Rev 1										Behnman										7/10/25									
SAMPLER NAME AND SIGNATURE										DATE										TIME									
Jordan Behnman										7/10/25										17:29									
SIGNATURE OF SAMPLER										DATE										TIME									
Jordan Behnman										7/10/25										17:29									
DATE SIGNED (MM/DD/YYYY)										DATE										TIME									
07/10/25										7/10/25										17:29									
Temp in °C										Residual Chlorine (Y/N)										Project No./ Lab ID.									
Received on Ice (Y/N)										Completed Volume										54									
Custody Sealed Cooler (Y/N)										Completed Volume										54									
Samples Intact (Y/N)										Completed Volume										54									

602867

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Client Name: Vistra Work Order #: IG02867 Completed by / Date: NS 7/6/25

Custody seal on cooler/box present and seal intact:	☐ Yes ☐ No ☒ N/A
Chain of Custody (CoC) Present:	☒ Yes ☐ No
CoC is Legible:	☐ Yes ☐ No
Sampler Name Present on CoC:	☒ Yes ☐ No
Sampler Signature Present on CoC:	☒ Yes ☐ No
Sample Collection Date Present on CoC:	☒ Yes ☐ No
Sample Collection Time Present on CoC:	☒ Yes ☐ No
CoC Relinquished by Client:	☐ Yes ☐ No
Unique Sample ID's Present on CoC:	☒ Yes ☐ No
CoC and Sample Container Labels Match:	☐ Yes ☐ No
Sample chilling process started prior to receipt: If yes, what type of ice:	☒ Yes ☐ No ☐ N/A ☒ Wet ☐ Blue
Samples received within temperature compliance: ($\leq 6^{\circ}\text{C}$, but above freezing or received same day collected and chill process started prior to receipt)	☒ Yes ☐ No ☐ N/A
Container(s) Received Intact:	☒ Yes ☐ No
Containers Received Labeled and Labels are Legible:	☒ Yes ☐ No
Appropriate Bottles Received for Analysis Requested:	☒ Yes ☐ No
Sufficient Sample Volume Received:	☒ Yes ☐ No
USDA Regulated Soil: Country of Origin: _____ State of Origin: _____	☐ Yes ☐ No ☒ N/A
Trip Blank(s) Received: If present, are they Listed on CoC:	☐ Yes ☐ No ☒ N/A ☐ Yes ☐ No
VOA vials are free of any headspace larger than pea sized bubble (>6mm) – Applies to methods 8260, 624, 524.2 - including THM vials If headspace is present, note sample ID and # of vials	☐ Yes ☐ No ☒ N/A
All (Non-Field) Analysis Received Within Hold Times:	☒ Yes ☐ No
Rush Turn Around Time Requested or Time Sensitive Analysis:	☐ Yes ☒ No
Short Hold Time Analysis (48 Hours or Less):	☐ Yes ☒ No

Client Notification/ Resolution: _____ If checked, please see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMS. By releasing the project, the PM acknowledges they have reviewed the sample.

WORK ORDER #:

1G02867

INITIALS:

SD

Plastic Bottles										
	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10
P, U, 1000ml - Total	1	1			2	2	1	2		
P, U, 250ml										
P, U, 500ml - Total	1	1	1	1					1	
P, U, 500ml - Diss										
P, 250ml/500ml H ₂ SO ₄ - Total									1	
P, 250ml/500ml H ₂ SO ₄ - Diss										
P, 250ml/500ml NaOH										
P, 250ml/500ml HNO ₃ - Total	1	1	1	1	1	1		1	1	
P, 250ml/500ml HNO ₃ - Diss										
P, 500ml NaOH + ZnAc										
P, U, 150ml/4oz TC										
P, 2.5L HNO ₃										
P, U, 2.5L										
P, U, 50ml										
S, P, 120ml Na ₂ S ₂ O ₃										
P, 16oz - Soil/Sludge										
Amber Glass Bottles - Vials										
A, G, U, 1000ml										
A, G, 1000ml HCl										
A, G, 1000ml MeCl ₂										
A, G, 500ml H ₂ SO ₄										
A, G, U, 500ml										
A, G, U, 250ml H ₂ SO ₄										
A, G, U, 250ml										
A, V, 40ml H ₂ SO ₄										
A, V, U, 60ml										
Clear Glass Bottles - Soil/Sludge Jars - Vials										
C, G, 1000ml HCl										
C, G, U, 1000ml										
C, G, U, 250ml - LLHg										
C, G, U, 250ml - LLHg - FB										
C, G, 16oz - Soil Jar										
C, G, 9oz - Soil Jar										
C, G, 4oz - Soil Jar										
C, G, 2oz - Soil Jar										
C, V, 40ml TSP										
C, V, 40ml HCl										
C, V, U, 40ml										
C, V, 40ml Na ₂ S ₂ O ₃										
C, V, 40ml MeOH										
C, V, 40ml Sodium Bisulfate										
C, V, U, 60ml										
Client Supplied										
Description										

[illegible]

1G03476
1G03484

Section D Required Client Information		Valid Matrix Codes C000		COLLECTED		SAMPLE TEMP AT COLLECTION		Preservatives		Analysis Test		Residual Chlorine (Y/N)			
ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX	C000	MATRIX CODE (see valid codes to left)	DATE	TIME	# OF CONTAINERS	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other
1	G59L Resample	GROUND WATER	SW	WT G	7/17/25	1045	3	X	X						
2	G59L Resample Dup	WASTE WATER	WW	WT G	7/17/25	1045	3	X	X						
3	G61S Resample	PRODUCT	P	WT G	7/17/25	1132	4	X	X						
4	L103	SOL/POOL	SL	WT G	7/17/25	1059	3	X	X						
5	OM12	CL	CL	WT G	7/17/25	1045	3	X	X						
6	R7AS	WPT	WPT	WT G	7/17/25	1050	3	X	X						
7	G52S	Other	OT	WT G	7/17/25	1300	3	X	X						
8	G52S Dup	Tissue	TS	WT G	7/17/25	1300	3	X	X						
9															
10															
11															
12															
13															
14															
15															
16															
ADDITIONAL COMMENTS		REINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS					
DC-2503 Rev 1		Bohannon		7/17/25	1401	Bohannon		7/17/25	1401	Temp in °C					
SAMPLER NAME AND SIGNATURE		PRINT Name of SAMPLER:		DATE Signed (MM/DD/YY):		Custody Sealed Cooler (Y/N)		Samples Intact (Y/N)							
Bohannon		Jordan Bohannon		07/17/25											

SAR-4: Depth to Water Measurement - On-site Transducer Downloads

Event: DC-25Q3

Date Generated: 05/30/2025

All episodic water levels on SAR-3 and SAR-4 must be collected within a 24 hour period.

H/M/L/D: High, Medium, Low, Dead

APP 7/8/25

Unique ID	Date	Time	Measured Depth to Water (ft bmp)	Serial Number	Does Data Logger Serial No Match?	Data downloaded?	Batt (H/M/L/D)	Batteries Replaced?	Comments (example: no transducer, removed, recalibrated, redeployed, serial number if it doesn't match form)	Initials
DC_BA01	7-1-25	1438	14.72	21615533	Y	Y	H	NA		te
DC_BA02	7-1-25	1431	9.09	21615636	Y	Y	H	NA		42
DC_BA02IL	7-1-25	1432	10.07	21615682	Y	Y	H	NA	BROKEN LOCK	R
DC_BA03	7-1-25	1428	9.42	21615637	Y	Y	H	NA		R
DC_BA03IL	7-1-25	1426	9.16	21615687	Y	Y	H	NA		R
DC_BA04	7-1-25	1413	6.15	21615631	Y	Y	H	NA		R
DC_BA05#	7-1-25	1500	20.11 20.11	21615540	Y	W	D	N	Batteries replaced 7/8/25 BATTERIES DEAD	R
DC_BA06	7-1-25	1503	21.70	21615525	Y	Y	H	NA		R
DC_G02#S	7-1-25	1255	8.98	21615554	Y	Y	H	NA		te
DC_G50#S	07/02/25	14:34	14.52	21615535	Y	Y	H	N		ASW
DC_G51#S	07/02/25	12:00	15.77	21615691	Y	Y	H	N	☒ Data logger removed for repair TD-15.7	ASW
DC_G54IL	7-1-25	1256	29.60	21615690	Y	Y	H	NA	TD- 40.13	KD

SAR-4: Depth to Water Measurement - On-site Transducer Downloads

H/M/L/D: High, Medium, Low, Dead

Event: DC-25Q3

Date Generated: 05/30/2025

All episodic water levels on SAR-3 and SAR-4 must be collected within a 24 hour period.

App 7/18/25

Unique ID	Date	Time	Measured Depth to Water (ft bmp)	Serial Number	Does Data Logger Serial No Match?	Data downloaded?	Batt (H/M/L/D)	Batteries Replaced?	Comments (example: no transducer, removed, recalibrated, redeployed, serial number if it doesn't match form)	Initials
DC_G54#S	07/01/25	1249	30.21	21615684	✓	✓	H	NO		AWD
DC_G57#S	07/01/25	1336	23.18	21615683	✓	✓	H	NO		PAW
DC_G60IL	07/01/25	1528	15.24 ^{FOUL} 28.44	21615678	✓	✓	H	NO	TD - 28.41	AWD
DC_G60#S	07/01/25	1518	24.31 ^{FOUL} 30.22	21615677	✓	✓	H	NO	TD - 36.77	AWD
DC_G64IL	07/01/25	1420	22.46 ^{FOUL} 30.22	21615688	✓	✓	H	NO	TD - 30.22	AWD
DC_G64#S	07/01/25	1424	23.74	21615632	✓	✓	D	YES	☒ Data logger removed for repair Batteries replaced on 7/1/25	AWD
DC_OM01	7-2-25	1447	12.56	21615685	Y	Y	H	N	TD - 26.55	HAR
DC_OM04#S	7-1-25	1546	20.12	21615542	NA	N	D	N	TD - 35.75 / LABELED 07/04/25	AWD
DC_OM07	07/02/25	10:42	12.53	21921676	Y	Y	H	N	TD: 30.08	ASW
DC_OM12	7/2/25	1410	17.50	21926670	Y	Y	H	N	TD 43.15	AWD
DC_OM16	7-1-25	1157	28.23	21615539	Y	Y	H	N	TD - 45.47	SPB
DC_OM17	7-1-25	1118	15.20	21615693	Y	Y	L	N	☒ Data logger removed for repair TD 17.27	SPB

SAR-4: Depth to Water Measurement - On-site Transducer Downloads

H/M/L/D: High, Medium, Low, Dead

Event: DC-25Q3

Date Generated: 05/30/2025

All episodic water levels on SAR-3 and SAR-4 must be collected within a 24 hour period.

Unique ID	Date	Time	Measured Depth to Water (ft bmp)	Serial Number	Does Data Logger Serial No Match?	Data downloaded?	Batt (H/M/L/D)	Batteries Replaced?	Comments (example: no transducer, removed, recalibrated, redeployed, serial number if it doesn't match form)	Initials
DC_OM21	7/1/25	1550	11.56	21615593	Y	N	D	N	TD-60.49 Batteries replaced 7/8/25	LHA
DC_OM22&D	7/1/25	1435	19.72	21615592	Y	Y	M	N	☒ Data logger removed for repair TD-65.57	ASW
DC_OM23&D	7/1/25	1104	39.15	21615591	Y	Y	M	N	TD-82.95	ASW
DC_OM24&D	7/1/25	1314	5.09	21615522	Y	Y	M	N	TD-20.61	ASW
DC_OM25#S	7/1/25	1305	56.84	21615681	Y	Y	M	N	TD-64.03	ASW
DC_OR02	7/1/25	1325	7.13	21615679	Y	Y	H	N	TD-22.17	ASW
DC_OR03&D	7/2/25	1140	45.36	21615577	Y	Y	M	N	TD-86.70	ASW
DC_OR04&D	7/1/25	1541	21.64	21615570	Y	Y	H	N	TD-68.12	LHA
DC_OR06IA	7/2/25	1050	13.76	21615692	Y	Y	H	N	TD-26.05	ASW
DC_OR11	7/1/25	1536	31.03	21615686	Y	Y	H	N	☒ Data logger removed for repair TD-41.63	ASW
DC_OR13#S	7/2/25	1351	13.75	21615676	Y	Y	H	N	TD-29.57	ASW
DC_OR13&D	7/2/25	1353	13.99	21564135	Y	Y	H	N	TD-50.17	ASW

App 7/8/25

SAR-4: Depth to Water Measurement - On-site Transducer Downloads

H/M/L/D: High, Medium, Low, Dead

Event: DC-25Q3

Date Generated: 05/30/2025

All episodic water levels on SAR-3 and SAR-4 must be collected within a 24 hour period.

Unique ID	Date	Time	Measured Depth to Water (ft bmp)	Serial Number	Does Data Logger Serial No Match?	Data downloaded?	Batt (H/M/L/D)	Batteries Replaced?	Comments (example: no transducer, removed, recalibrated, redeployed, serial number if it doesn't match form)	Initials
DC_OR14&D	7/1/25	1113	10.94 48.77	21615611	Y	Y	H	N	TD - 10.94 48.77	ASW
DC_OR19	7/2/25	1421	22.17	21615634	Y	Y	M	N	TD - 52.95	JPB
DC_OR20	7/1/25	1514	21.45	21615610	Y	Y	M	N	TD - 57.96	AJM
DC_RG01	7/1/25	0843	-	21628685	Y	Y	M	N		App

SAR-3: Episodic Depth to Water Measurement

Event: DC-25Q3

Date Generated: 05/30/2025

All episodic water levels on SAR-3 and SAR-4 must be collected within a 24 hour period.

Well	Unique ID	Date	Time	Measured Depth to Water (ft bmp)	Comments	Initials
BA01C	DC_BA01IC	7-1-25	1442	14.22		
BA01L	DC_BA01IL	7-1-25	1440	14.05		
G02L	DC_G02IL	7-1-25	1259	9.65	TD-17.90	
G02D	DC_G02&D	7-1-25	1301 1257	21.50	TD-68.51	
G02BS	DC_G02*BS	7-1-25	1257	8.98 14.45	TD-91.93	
G03L	DC_G03IL	7-1-25	1316	8.21	TD-26.42	
G03S	DC_G03#S	7-1-25	1318	7.68		
G04L	DC_G04IL	7-1-25	1239	16.68	TD 16.95	
G04S	DC_G04#S	7-1-25	1241	16.22	TD-35.87	
G06L	DC_G06IL	7-1-25	930	22.68	TD-25.11	
G06S	DC_G06#S	7-1-25	932	22.89		
G07L	DC_G07IL	7-1-25	936	21.88	TD-23.32	
G08L	DC_G08IL	7-1-25	942	21.36	TD-22.97	
G09L	DC_G09IL	7-1-25	944	21.61	TD-23.43	
G09S	DC_G09#S	7-1-25	947	21.50		
G12L	DC_G12IL	7-1-25	1019	21.40		
G12S	DC_G12#S	7-1-25	1022	22.96		
G14L	DC_G14IL	7-1-25	1033	24.44	TD-26.77 Lock needs Replaced	
G15L	DC_G15IL	7-1-25	1045	30.76	TD-37.80	
G15S	DC_G15#S	7-1-25	1046	31.20		
G16L	DC_G16IL	7-1-25	1036	29.31		
G50L	DC_G50IL	07/2/25	9:57	13.30	WASOS	AJW
G51L	DC_G51IL	07/02/25	9:54	16.28	TD: 20.37	AJW
G52L	DC_G52IL	07/02/25	9:48	25.80		AJW
G52S	DC_G52#S	07/02/25	9:49	31.12	TD: 45.47	AJW
G53L	DC_G53IL	07/02/25	9:00	11.95		AJW
G53S	DC_G53#S	07/02/25	9:08	14.02		AJW

SAR-3: Episodic Depth to Water Measurement

Event: DC-25Q3

Date Generated: 05/30/2025

All episodic water levels on SAR-3 and SAR-4 must be collected within a 24 hour period.

Well	Unique ID	Date	Time	Measured Depth to Water (ft bmp)	Comments	Initials
G54C	DC_G54IC	7/1/25	1247	37.59		KMD
G55L	DC_G55IL	7/2/25	0945	26.07		ASW
G55S	DC_G55#S	7/1/25	1232	25.81		KMD
G56L	DC_G56IL	7/1/25	1105	21.96	25.30 - TD	KMD
G56S	DC_G56#S	7/1/25	1107	20.50		KMD
G57L	DC_G57IL	7/1/25	1125	23.51	29.57 - TD	KMD
G58L	DC_G58IL	7/1/25	1134	27.00	33.78 - TD	KMD
G58S	DC_G58#S	7/1/25	1130	27.09		KMD
G59L	DC_G59IL	7/1/25	1142	29.68		KMD
G59S	DC_G59#S	7/1/25	1139	33.57	35.22 - TD	KMD
G61S	DC_G61#S	7/1/25	1155	23.18		KMD
G62L	DC_G62IL	7/1/25	1404	22.71	33.49 - TD	KMD
G63L	DC_G63IL	7/1/25	1407	23.62	31.00 - TD	KMD
G63S	DC_G63#S	7/1/25	1408	24.44		KMD
G65L	DC_G65IL	7/2/25	0924	23.51	25.19 - TD	ASW
G65S	DC_G65#S	7/2/25	0922	23.52		ASW
G66L	DC_G66IL	7/1/25	1045	22.76	Dry	KMD
G66S	DC_G66#S	7/1/25	1050	20.18		KMD
G67L	DC_G67IL	7/1/25	1058	16.66	20.04 - TD	KMD
G67S	DC_G67#S	7/1/25	1101	16.58		KMD
G68L	DC_G68IL	7/2/25	0941	17.23	Dry	ASW
G68S	DC_G68#S	7/2/25	0938	21.06		ASW
G69L	DC_G69IL	7/2/25	0935	18.50	27.89 - TD	ASW
G69S	DC_G69#S	7/2/25	0934	21.63		ASW
G70L	DC_G70IL	7/1/25	1020	22.35		KMD
G71L	DC_G71IL	7/1/25	1028	29.37	32.90 - TD	KMD
G71S	DC_G71#S	7/1/25	1023	22.02		KMD

SAR-3: Episodic Depth to Water Measurement

Event: DC-25Q3

Date Generated: 05/30/2025

All episodic water levels on SAR-3 and SAR-4 must be collected within a 24 hour period.

Well	Unique ID	Date	Time	Measured Depth to Water (ft bmp)	Comments	Initials
G72L	DC_G72IL	7-1-25	1039	27.96		LR
G73L	DC_G73IL	7-1-25	1043	29.85		LR
L103	DC_L103	7-1-25	1331	2.12	TD - 6.37	ER
OM05S	DC_OM05#S	7-2-25	1336	21.88	TD - 25.58	JB
OM08	DC_OM08	7-2-25	1345	12.38	TD - 26.84	JB
OM09	DC_OM09	7-2-25	1541	4.10	Too deep to find TD	JB
OM10	DC_OM10	1-Jul-25	1107	14.81	TD 21.72	ASJ
OM100S	DC_OM100#S	1-Jul-25	1202	14.59	TD 27.98	ASJ
OM100D	DC_OM100&D	1-Jul-25	1205	14.39	TD 56.23	ASJ
OM101S	DC_OM101#S	1-Jul-25	1023	8.86	TD 19.92	ASJ
OM101D	DC_OM101&D	1-Jul-25	1025	18.93	TD 36.33	ASJ
OM12D	DC_OM12&D	7-2-25	1412	18.46	TD 52.77	JB
OM15	DC_OM15	1-Jul-25	1055	22.25	TD 51.17	ASJ
OM15D	DC_OM15&D	1-Jul-25	1053	25.66	TD 72.96	ASJ
OM17D	DC_OM17&D	1-Jul-25	1115	18.84	TD 43.17	ASJ
OM22S	DC_OM22#S	1-Jul-25	1430	20.03	TD 40.09	ASJ
OM23S	DC_OM23#S	07/02/25	1107	42.44	Could not be reached TD - 46.05	ASJ
OM25D	DC_OM25&D	1-Jul-25	1303	58.11	77.27	ASJ
OM26	DC_OM26	07/02/25	10:10	31.13	TD: 62.15	ASJ
OM27	DC_OM27	07/02/25	10:21	33.98	TD: 61.88	ASJ
OM28	DC_OM28	07/02/25	10:26	49.15	TD: 68.12	ASJ
OR03S	DC_OR03#S	07/02/25	11:45	45.87	TD: 60.33	ASJ
OR05D	DC_OR05&D	07/02/25	11:24	22.25	TD: 74.79	ASJ
OR14S	DC_OR14#S	07/02/25	11:19	6.78	TD: 24.32	ASJ
OR18	DC_OR18	1-Jul-25	0923	19.66	TD 53.01	ASJ
P01L	DC_P01IL	7-1-25	1244	9.91	TD - 23.24	LR
P01S	DC_P01#S	7-1-25	1247	9.77	TD - 29.57	LR

SAR-3: Episodic Depth to Water Measurement

Event: DC-25Q3

Date Generated: 05/30/2025

All episodic water levels on SAR-3 and SAR-4 must be collected within a 24 hour period.

AEP 7/8/25

Well	Unique ID	Date	Time	Measured Depth to Water (ft bmp)	Comments	Initials
P01I	DC_P01\$I	7-1-25	1251	9.74	40.87-TD	Ⓢ
P02S	DC_P02#S	7-1-25	1303	14.45	Same as 602BS NO P02S	Ⓢ
P04S	DC_P04#S	7/1/25	1241	16.22	Same as 604S	LHR
P05L	DC_P05!L	7-1-25	1215	6.98	TD-14.83	Ⓢ
P05S	DC_P05#S	7-1-25	1217	6.87		Ⓢ
P05D	DC_P05&D	7-1-25	1220	7.45 45.90	TD 45.90	Ⓢ
P36L	DC_P36!L	7-1-25	1009	14.67	WASP NEST ^{below pump} ON CARD	Ⓢ
P36S	DC_P36#S	7-1-25	1011	12.14	TD-31.33	Ⓢ
P36D	DC_P36&D	7-1-25	1013	12.27	TD-51.22	Ⓢ
P37L	DC_P37!L	7-1-25	951	14.42	KINK @ 14.42	Ⓢ
P37D	DC_P37&D	7-1-25	953	16.20	TD-43.14	Ⓢ
P38L	DC_P38!L	7-1-25	1031	17.88	TD-19.65	Ⓢ
P38S	DC_P38#S	7-1-25	1033	17.63	TD-31.30	Ⓢ
P39L	DC_P39!L	7-1-25	1124	5.54	TD-15.01	Ⓢ
P39S	DC_P39#S	7-1-25	1126	5.84	TD-28.14	Ⓢ
P39D	DC_P39&D	7-1-25	1128	13.70	TD-43.51	Ⓢ
P40L	DC_P40!L	7-1-25	1131 1132	10.23	TD-20.38	ASW
P40S	DC_P40#S	7-1-25	1134	9.51	35.27-TD	ASW
P41L	DC_P41!L	07/02/25	12:58	9.32	TD: 12.05	ASW
P41S	DC_P41#S	07/02/25	13:00	10.38	TD: 31.52	ASW
P41I1	DC_P41\$I1	07/02/25	13:06	10.66	TD: 40.57	ASW
P41I2	DC_P41%I2	07/02/25	13:14	35.64	TD: 55.57	ASW
P41D	DC_P41&D	07/02/25	13:03	35.47	TD: 69.06	ASW
P42L	DC_P42!L	07/02/25	12:38	6.62	TD: 20.32	ASW
P42S	DC_P42#S	07/02/25	12:40	6.51	TD: 31.38	ASW
P42I1	DC_P42\$I1	07/02/25	12:43	6.74	TD: 42.25	ASW
P42I2	DC_P42%I2	07/02/25	12:44	32.30	TD: 57.21	ASW

SAR-3: Episodic Depth to Water Measurement

Event: DC-25Q3

Date Generated: 05/30/2025

All episodic water levels on SAR-3 and SAR-4 must be collected within a 24 hour period.

Well	Unique ID	Date	Time	Measured Depth to Water (ft bmp)	Comments	Initials
P42D	DC_P42&D	07/02/25	12:49	37.52	TD: 76.52	ATJW
P52	DC_P52	07/02/25	12:09	16.73	TD: 28.30	ATJW
P57L	DC_P57!L	07/02/25	12:28	20.48	TD: 22.42	ATJW
P57S	DC_P57#S	07/02/25	12:26 12:28	20.08	37.52 TD	ATJW
P60	DC_P60	7-1-25	1147	26.41	TD 37.24	KD
P61	DC_P61	7-1-25	1543	12.40	TD 29.49	KD
P62	DC_P62	7-1-25	1512	12.32	TD 20.41 19.05	KD
P63	DC_P63	7-1-25	1507	14.36	TD 20.41	KD
P64	DC_P64	7-1-25	1555	15.05	TD 18.87	KD
R10L	DC_R10!L	7-1-25	956	22.50	TD-27.14	Ⓢ
R11L	DC_R11!L	7-1-25	958	21.59	TD-26.59	Ⓢ
R13L	DC_R13!L	7-1-25	1024	21.50		Ⓢ
R61L	DC_R61!L	7-1-25	1401	22.83	TD 31.39	KD
R72S	DC_R72#S	7-1-25	1310	37.60	DRY	KD
T43L	DC_T43!L	7-1-25	922	7.75		Ⓢ
T44L	DC_T44!L	7-1-25	918	11.84		Ⓢ
T45L	DC_T45!L	7-1-25	925	9.70		Ⓢ
T46L	DC_T46!L	7-1-25	914	8.26		Ⓢ

Duck Creek

WELL/SAMPLE POINT **BA01**

Purge Method: **Dedicated Bladder**

Date: **3-Jul-25** Start Time: **1007** Finish/Sample Time: **1114**

Well Depth (Bottom) From MP: ft
Min. Purge Volume: 1000 mL
Depth to Water From MP: 15.00 ft
Total Purge Volume: 4000 mL
Water Column Length: ft
Well Water Volume: L
Total Drawdown: 0.03 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	1024	15.03	150	7.65	0.000	19.83	78	5.21	412
2	1029	15.03	150	7.02	0.002	17.81	64	0.00	413
3	1034	15.03	150	7.05	0.000	17.87	63	0.00	417
4	1039	15.03	150	7.07	0.00	17.89	65	0.00	418
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horiba

Check pH if reading is below 6.9

Secondary pH Meter:

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
1	Rad (P, 2.5L, HNO3)

(4)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 15.03 ft

Comments

Sampler's Signature: Bohannon

Duck Creek

WELL/SAMPLE POINT **BA02**

Purge Method: **Dedicated Bladder**

Date: **7-3-25** Start Time: **1128** Finish/Sample Time: **1254**

Well Depth (Bottom) From MP: _____ ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **10.25** ft Total Purge Volume: **3000** mL

Water Column Length: _____ ft

Well Water Volume: _____ L Total Drawdown: **3.5** ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	1130	11.25	150/100	7.63	866	21.93	143	2.00	102
2	1143	11.45	150/100	7.60	860	21.35	142	2.19	91.7
3	1146	11.54	150/100	7.62	867	21.16	142	2.78	92.0
4	1149	11.69	150/100	7.62	867	20.32	143	5.32	84.5
5	1152	11.82	100	7.64	870	20.30	145	9.34	86.8
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Check pH if reading is below 6.9

Secondary pH Meter: _____

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
1	Rad (P, 2.5L, HNO3)

(4)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: **13.75** ft

Comments

Sampler's Signature: **[Signature]**

Duck Creek

WELL/SAMPLE POINT BA02 (Cont.)

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
6	1155	11.93	100	7.64	868	20.28	148	5.44	778
7						20.28↑			
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature: *[Signature]*

Duck Creek

WELL/SAMPLE POINT **BA02L**

Purge Method: **Dedicated Peristaltic Tubing**

Date: **7-3-25** Start Time: **1232** Finish/Sample Time: **1238**

Well Depth (Bottom) From MP: **14.35** ft Min. Purge Volume: **1312** mL

Depth to Water From MP: **40.07** ft **10.74** Total Purge Volume: **2500** mL

Water Column Length: **4.28** ft **3.61**

Well Water Volume: **2.59** L **2.19** Total Drawdown: **3.56** ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	1144	12.39	100	7.16	710	21.26	-109	2.18	97.2
2	1147	12.66	1	6.97	714	21.71	-104	2.04	7.3
3	1150	12.88	1	6.90	716	21.87	-102	2.16	7.3
4	1153	13.15	1	6.90	718	21.88	-103	2.13	79.7
5	1156	13.39	1	6.90	716	21.97	-106	1.96	76.5
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **Horiba**

Check pH if reading is below 6.9 or above 7.7

Secondary pH Meter: **-**

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☐ Slight ☐ Mod. ☒ Strong

Turb: ☐ None ☐ Slight ☐ Mod ☒ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
1	Ammonia (P, 250mL, H2SO4)
1	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: **11.71/14.30** ft

Comments: **drawdown too quick to sample. Return 10-Jul-25 to re-attempt sampling. Well stabilized at 11.30A. Flow rate inconsistent afterwards, jumping between 50mL-100mL/min**

Sampler's Signature: **[Signature]**

App 7/10/25

[Signature]

Duck Creek

WELL/SAMPLE POINT BA031

Purge Method: Dedicated Bladder

Date: 7-3-25 Start Time: 1519 Finish/Sample Time: 1616

Well Depth (Bottom) From MP: _____ ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 9.84 ft Total Purge Volume: 2100 mL

Water Column Length: _____ ft

Well Water Volume: _____ L Total Drawdown: 2.5 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	1535	10.20	150	7.66	759	21.67	206	0.38	69.6
2	1538	10.25	150	7.65	754	21.65	204	0.34	65.4
3	1541	10.29	150	7.63	756	21.62	202	0.36	67.8
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Moriba

Check pH if reading is below 6.9

Secondary pH Meter: _____

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
1	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 10.34 ft

Comments

Sampler's Signature: [Signature]

Duck Creek

WELL/SAMPLE POINT BA03 L

Purge Method: Dedicated Bladder

Date: 7-3-25 Start Time: 1307 Finish/Sample Time: 1511

Well Depth (Bottom) From MP: _____ ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 9.55 ft Total Purge Volume: 2400 mL

Water Column Length: _____ ft

Well Water Volume: _____ L Total Drawdown: N/A ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	1320	N/A*	150	7.50	1300	21.56	155	1.60	70.8
2	1324	N/A*	150	7.46	1310	21.53	157	1.53	68.8
3	1328	N/A*	150	7.44	1330	21.50	159	1.58	69.4
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horiba

Check pH if reading is below 6.9 or above 7.7

Secondary pH Meter: _____

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1+	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
1+	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
1+	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1+	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: N/A ft

Comments ^{*} Water level below pump. Field dup filled here

Sampler's Signature: Bohannon

WELL/SAMPLE POINT **BA04**

Purge Method: **Dedicated Bladder**

Date: **10-Jul-25** Start Time: **1337** Finish/Sample Time: **1438**

Well Depth (Bottom) From MP: _____ ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **7.10** ft Total Purge Volume: **2500** mL

Water Column Length: _____ ft

Well Water Volume: _____ L Total Drawdown: **0.20** ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	1347	7.20	150	7.21	944	21.95	-54	0.83	4.7
2	1349	7.20		7.10	949	21.91	-52	0.83	4.7
3	1351	7.20		7.02	953	21.40	-50	0.96	6.1
4	1353	7.20		6.97	952	21.35	-49	0.99	6.2
5	1355	7.20		6.94	945	21.30	-48	1.06	4.4
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **Horiba**

Check pH if reading is below 6.9

Secondary pH Meter: _____

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
1	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: **7.20** ft

Comments

Sampler's Signature: *[Signature]*

WELL/SAMPLE POINT **BA05**

Purge Method: **Dedicated Bladder**

Date: 07/16/25 Start Time: 11:56 Finish/Sample Time: 13:00

Well Depth (Bottom) From MP: 44.42 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 21.35 ft Total Purge Volume: 2350 mL

Water Column Length: 23.07 ft

Well Water Volume: 13.97 L Total Drawdown: 3.00 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	12:08	22.26	150	7.15	1570	21.62	1	3.98	131
2	12:10	22.26	150	7.07	1580	21.88	-18	3.10	218
3	12:14	22.26	150	7.02	1590	22.22	-29	3.20	232
4	12:16	22.26	150	6.96	1600	22.87	-44	1.71	254
5	12:18	22.26	150	6.92	1610	23.31	-52	1.68	252
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Check pH if reading is below 6.9 or above 7.7

Secondary pH Meter: Oakton

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
1	Rad (P, 2.5L, HNO3)

4

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 24.35 ft

Comments

Sampler's Signature: *Sally White*

Duck Creek

WELL/SAMPLE POINT BA05 (Cont.)

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
6	12:20	22.26	150	6.91	1620	23.44	-57	1.85	244
7	12:22	22.26	150	6.90	1630	23.57	-58	1.72	238
8	12:24	22.26	150	6.90	1630	23.43	-60	1.65	235
9	12:26	22.26	150	6.90	1630	23.67	-61	1.59	240
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature: 

Duck Creek

WELL/SAMPLE POINT **BA06**

Purge Method: **Dedicated Bladder**

Date: **10-Jul-25** Start Time: **1504** Finish/Sample Time: **1623**

Well Depth (Bottom) From MP: **22.45** ft
Depth to Water From MP: **22.45** ft
Water Column Length: **0** ft
Well Water Volume: **0** L
Min. Purge Volume: **1000** mL
Total Purge Volume: **3400** mL
Total Drawdown: **1.29** ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	1515	23.74	100	7.17	1920	25.30	-78	1.66	13.7
2	1518	23.74	1	7.02	1650	23.62	-67	1.76	20.8
3	1521	23.74	1	6.99	1130	23.63	-63	1.16	28.3
4	1524	23.74	1	6.91	2330	23.87	-60	0.99	29.2
5	1527	23.74	1	6.87	2310	23.75	-58	0.89	27.1
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **Horiaba**

Check pH if reading is below 6.9 or above 7.7

Secondary pH Meter: **—**

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
1	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

4

Final DTW: **23.74** ft

Comments

Sampler's Signature: **[Signature]**

Duck Creek

WELL/SAMPLE POINT BA06 (Cont.)

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
6	1530	23.74	100	6.84	2110	23.71	-77	0.78	26.5
7	1533	23.74	1	6.83	2330	23.65	-79	0.78	25.4
8	1536	23.74	1	6.91	2220	23.61	-67	0.77	25.5
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature: FLUWID 201

WELL/SAMPLE POINT **G02S**

Purge Method: **Dedicated Bladder**

Date: **07/15/25** Start Time: **14:30** Finish/Sample Time: **15:30**

Well Depth (Bottom) From MP: **29.06** ft

Min. Purge Volume: **1000** mL

Depth to Water From MP: **10.50** ft

Total Purge Volume: **1900** mL

Water Column Length: **18.56** ft

2200 2500 APP 7/11/25

Well Water Volume: **11.24** L

Total Drawdown: **1.65** ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	14:42	11.05	150	6.80	814	20.27	-95	2.02	45.2
2	14:44	11.05	150	6.78	823	20.47	-97	1.73	38.6
3	14:46	11.05	150	6.76	820	20.70	-98	1.32	36.9
4	14:48	11.05	150	6.75	817	21.01	-98	1.10	30.3
5	14:50	11.05	150	6.76	815	21.09	-98	0.99	28.7
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
1	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **12.15** ft

Comments

Sampler's Signature:

[Signature]

Duck Creek

WELL/SAMPLE POINT G02S (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	14:52	11.05	150	6.76	811	21.07	-97	1.02	28.2
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:



WELL/SAMPLE POINT **G04S**

Purge Method: Dedicated Bladder

Date: ^{RJW} ~~07/14/25~~ 07/15/25

Start Time: 13:10

Finish/Sample Time: 13:55

ASW 07/15/25

Well Depth (Bottom) From MP: 35.30 ft

Min. Purge Volume: 1000 mL

Depth to Water From MP: 17.90 ft

Total Purge Volume: ~~2050~~ 2800 mL

Water Column Length: 17.40 ft

Well Water Volume: 10.54 L

Total Drawdown: 0.40 ft

APP 7/15

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	13:24	18.10	150	7.22	952	19.15	97	2.88	96.4
2	13:28	18.10	150	7.19	966	18.76	75	2.85	71.1
3	13:30	18.10	150	7.20	970	18.68	70	2.76	61.9
4	13:32	18.10	150	7.21	976	18.57	72	2.84	58.8
5	13:34	18.10	150	7.23	979	18.66	79	3.04	51.8
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Haniba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

3

Final DTW: 18.30 ft

Comments

Sampler's Signature: Andy Walska

WELL/SAMPLE POINT **G04S (Cont.)**

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	13:34	18.10	150	7.23	977	18.66	88	2.99	49.4
7	13:38	18.10	150	7.23	975	18.60	88	2.94	47.7
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:



WELL/SAMPLE POINT G06L

Purge Method: Dedicated Peristaltic Tubing

Date: 07/16/25 Start Time: 10:35 Finish/Sample Time: 11:40

Well Depth (Bottom) From MP: 25.34 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 23.42 ft Total Purge Volume: 2050 mL

Water Column Length: 1.93 ft

Well Water Volume: 1.17 L Total Drawdown: 1.93 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	10:44	23.92	150	6.99	935	19.09	235	6.24	27.2
2	10:46	24.10	150	6.86	923	18.20	242	5.27	19.2
3	10:48	24.20	150	6.79	905	18.74	246	4.76	16.7
4	10:50	24.20	150	6.78	898	18.78	249	4.70	16.7
5	10:52	24.28	150	6.78	904	20.72	254	5.07	17.3
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1+1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

3+3

Filtered	
Qty	Bottles
1+1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1+1	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 25.34 ft

Comments Field dup. Had to wait for well to slowly recharge to complete sampling.

Sampler's Signature: [Signature]

WELL/SAMPLE POINT G06L (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	10:54	24.32	150	6.77	905	20.70	257	5.20	14.3
7	10:56	24.40	150	6.75	908	20.66	260	5.20	15.6
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

[Handwritten Signature]

Duck Creek

WELL/SAMPLE POINT G06S

Purge Method: Dedicated Bladder

Date: 02/10/25 Start Time: 14:45 Finish/Sample Time: 15:16

Well Depth (Bottom) From MP: 44.69 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 23.64 ft Total Purge Volume: 3200 mL

Water Column Length: 21.05 ft

Well Water Volume: 12.75 L Total Drawdown: 0-0 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	14:56	23.64	150	7.20	855	20.00	169	1.33	162
2	14:58	23.64	150	7.11	874	20.19	161	1.05	163
3	15:00	23.64	150	7.06	892	20.56	164	0.84	141
4	15:02	23.64	150	7.02	903	20.71	162	0.66	133
5	15:04	23.64	150	6.98	922	20.92	158	0.52	117
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

HoriBa

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2S04)
	General (P,500mL)
1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

3

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2S04)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 23.64 ft

Comments **Check pH if readings are below 6.5 or above 7.2**

Sampler's Signature: 

Duck Creek

WELL/SAMPLE POINT G06S (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	15:06	23.64	150	6.96	929	20.91	157	0.46	109
7	15:08	23.64	150	6.95	932	20.94	155	0.44	102
8	15:10	23.64	150	6.95	931	21.00	154	0.43	100
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

Andy Holst

Duck Creek

WELL/SAMPLE POINT G07L

Purge Method: Dedicated Peristaltic Tubing

ASW 07/16/25

ASW 07/16/25

Date: 07/15/25 Start Time: 11:20 Finish/Sample Time: 10:30

07/16/25

10:20

Well Depth (Bottom) From MP: 23.45 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 22.74 ft Total Purge Volume: 0 mL

Water Column Length: 0.71 ft

Well Water Volume: 0.43 L Total Drawdown: 0 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1									
2									
3									
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horiba

Sample Appearance:

Odor: ☐ None ☐ Slight ☐ Mod. ☐ Strong

Color ☐ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 22.74 ft

Comments Well does not have enough water to sample.

Sampler's Signature: [Signature]

WELL/SAMPLE POINT **G08L**

Purge Method: Dedicated Peristaltic Tubing

Date: 07/14/25 Start Time: 1405 Finish/Sample Time: 1423

Well Depth (Bottom) From MP: 23.07 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 22.09 ft Total Purge Volume: 0 mL

Water Column Length: 0.98 ft

Well Water Volume: 0.59 L Total Drawdown: 0 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1									
2									
3									
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: HORIBA

Sample Appearance:

Odor: ☐ None ☐ Slight ☒ Mod ☐ Strong

Color: ☐ None ☐ Slight ☐ Mod ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: ft

Comments NOT ENOUGH WATER TO SAMPLE.

Sampler's Signature: [Signature]

WELL/SAMPLE POINT **G09L**

Purge Method: **Dedicated Peristaltic Tubing**

Date: **07/14/25** Start Time: **1420** Finish/Sample Time: **1450**

Well Depth (Bottom) From MP: **23.54** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **22.29** ft Total Purge Volume: **0** mL

Water Column Length: **1.25** ft

Well Water Volume: **0.75** L Total Drawdown: **0** ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1									
2									
3									
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

HORIBA

Sample Appearance:

Odor: ☐ None ☐ Slight ☐ Mod. ☐ Strong

Color ☐ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **—** ft

Comments **NOT ENOUGH WATER TO SAMPLE.**

Sampler's Signature: 

WELL/SAMPLE POINT **G09S**

Purge Method: **Dedicated Bladder**

Date: 07/10/25 Start Time: 15:18 Finish/Sample Time: 15:54

Well Depth (Bottom) From MP: 34.34 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 22.35 ft Total Purge Volume: 2850 mL

Water Column Length: 11.99 ft

Well Water Volume: 7.26 L Total Drawdown: 2.20 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	15:28	24.30	150	7.28	773	19.64	189	3.71	322
2	15:30	24.30	150	7.15	779	19.70	184	3.29	265
3	15:32	24.30	150	7.10	781	19.97	183	3.16	223
4	15:34	24.30	150	7.07	781	20.21	184	3.05	186
5	15:36	24.30	150	7.05	780	20.31	185	2.87	172
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

(3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 24.55 ft

Comments **Check pH if readings are below 6.5 or above 7.2**

Sampler's Signature:

[Signature]

WELL/SAMPLE POINT G09S (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	15:38	24:30	150	7.05	781	20.35	187	2.78	165
7	15:40	24:30	150	7.04	782	20.34	188	2.64	157
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature: 

Duck Creek

WELL/SAMPLE POINT **G12S**

Purge Method: **Dedicated Bladder**

Date: 07/15/25 Start Time: 10:36 Finish/Sample Time: 11:15

Well Depth (Bottom) From MP: 36.88 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 23.61 ft Total Purge Volume: 2050 mL

Water Column Length: 13.27 ft 2800 APP 7/17/25

Well Water Volume: 8.04 L Total Drawdown: 1.84 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	10:46	24.31	150	7.63	743	18.66	-25	2.48	300
2	10:48	24.31	150	7.50	716	18.74	-38	2.86	282
3	10:50	24.48	150	7.45	677	18.91	-32	2.33	150
4	10:52	24.51	150	7.45	675	18.90	-25	2.12	134
5	10:54	24.51	150	7.45	671	18.94	-18	2.11	111
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

(3)

Final DTW: 25.45 ft

Comments **Check pH if readings are above 7.2**

pH readings checked with oxton.

Sampler's Signature: *[Signature]*

WELL/SAMPLE POINT **G12S (Cont.)**

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	10:56	24.51	150	7.45	1668	18.96	-13	2.18	113
7	10:58	24.51	150	7.45	1667	18.97	-10	2.24	109
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature: 

WELL/SAMPLE POINT **G15L**

Purge Method: **Dedicated Peristaltic Tubing**

ASW 07/16/25

ATW 07/16/25

Date: **7-15-25** Start Time: **12:18** Finish/Sample Time: **12:56** 14:20

Well Depth (Bottom) From MP: **34.43** ft

Min. Purge Volume: **1000** mL ASW 07/16/25

Depth to Water From MP: **31.75** ft

Total Purge Volume: **2800** mL

Water Column Length: **2.168** ft

Well Water Volume: **1.162** L

Total Drawdown: **0.17** ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	13:40	31.92	150	6.97	910	23.02	221	5.06	192
2	13:42	31.92	150	6.91	895	23.87	188	5.10	177
3	13:44	31.92	150	6.97	888	23.90	224	5.41	160
4	13:46	31.92	150	7.11	895	25.28	224	5.71	163
5	13:48	31.92	150	7.09	893	25.32	224	5.67	169
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **31.55** ft **31.92** ASW 07/16/25

Comments

Peri NOT ABLE TO DRAW WATER

07/16/25 peristaltic is broken, unable to sample. get fixed

Sampler's Signature:

NR

WELL/SAMPLE POINT **G15L (Cont.)**

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	13:50	31.92	150	7.15	895	25.35	224	5.72	172
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature: _____

[Handwritten Signature]

WELL/SAMPLE POINT G15S

Purge Method: Dedicated Bladder

Date: 07/14/25 Start Time: 1252 Finish/Sample Time: 1345

Well Depth (Bottom) From MP: 44.32 ft

Min. Purge Volume: 1000 mL

Depth to Water From MP: 33.64 ft

Total Purge Volume: 1300 mL

Water Column Length: 12.30 ft

1400 mL

Well Water Volume: 7.44 L

Total Drawdown: 1.62 ft

APP 7/19/25

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	1314	33.56	100	7.60	811	19.89	150	2.44	0.0
2	1317	33.64	100	7.62	816	19.81	155	2.42	0.0
3	1320	33.64	100	7.66	806	19.87	155	2.42	0.0
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: HORIBA

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

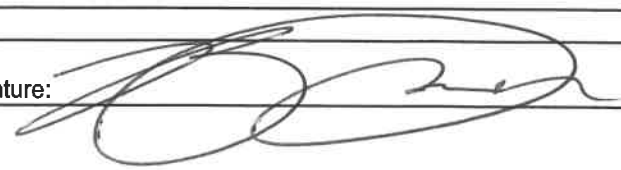
Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

③

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 33.64 ft

Comments Check pH if readings are below 6.2

Sampler's Signature: 

WELL/SAMPLE POINT **G50L**

Purge Method: **Dedicated Bladder**

Date: **7/16/25** Start Time: **1431** Finish/Sample Time: **1527**

Well Depth (Bottom) From MP: **19.19** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **14.55** ft Total Purge Volume: **2875** mL

Water Column Length: **4.64** ft

Well Water Volume: **2.81** L Total Drawdown: **-0.2** ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1449	14.53	125	7.05	759	18.74	91	2.50	0.0
2	1452	14.53	125	6.83	762	18.03	98	1.46	0.0
3	1455	14.53	125	6.79	763	17.82	97	1.42	0.0
4	1458	14.53	125	6.72	764	17.82	96	1.41	0.0
5	1501	14.53	125	6.77	764	17.81	95	1.40	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P, 1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **14.53** ft

Comments **Wasp nest. wasp nest still in casing on 7/16**

Sampler's Signature: **G. Johansson**

Duck Creek

WELL/SAMPLE POINT **G50S**

Purge Method: **Dedicated Bladder**

Date: **07/07/25** Start Time: **1320** Finish/Sample Time: **1421**

Well Depth (Bottom) From MP: **37.30** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **13.73** ft Total Purge Volume: **1600** mL

Water Column Length: **23.52** ft

Well Water Volume: **14.27** L Total Drawdown: **6.71** ft

18.68

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1340	7.18	100	7.10	604	17.13	-114	0.96	4.0
2	1341	19.03	100	7.07	602	17.16	-112	1.00	1.0
3	1342	19.03	100	7.05	600	17.09	-111	1.01	1.2
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

HORIBA

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
1	Rad (P,2.5L, HNO3)

3

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **20.44** ft

Comments

Sampler's Signature:



Duck Creek

WELL/SAMPLE POINT G51L

Purge Method: Dedicated Peristaltic Tubing

Date: 7-17-2025 Start Time: 1041 Finish/Sample Time: 1117

Well Depth (Bottom) From MP: 20.21 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 16.64 ft Total Purge Volume: 2000 mL

Water Column Length: 3.57 ft

Well Water Volume: 2.16 L Total Drawdown: 2.22 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1053	18.00	200	8.04	20	23.70	144	7.15	4.0
2	1055	18.28	200	7.81	15	23.86	165	4.78	2.7
3	1057	18.37	200	6.73	771	22.14	52	1.96	478
4	1059	18.49	200	6.72	777	22.12	48	1.85	44.2
5	1101	18.62	200	6.71	775	22.08	44	1.82	42.7
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: HORIBA

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

3

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 18.86 ft

Comments

Sampler's Signature: [Signature]

WELL/SAMPLE POINT G51H-8

Purge Method: Dedicated Peristaltic Tubing

Date: 07/27/25 Start Time: 1140 Finish/Sample Time: 1230

Well Depth (Bottom) From MP: 32.17 ~~20.21~~ ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 16.07 ft Total Purge Volume: 1200 mL

Water Column Length: 4.14 ft 16.10

Well Water Volume: 2.50 L 9.75 Total Drawdown: 9.25 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1200	20.13	100	5.83	598	17.86	-46	10.36	33.9
2	1202	20.38	100	6.94	596	16.38	-44	9.79	24.3
3	1203	20.69	100	6.94	595	16.29	-48	9.76	24.9
4	1204	20.90	100	6.92	593	16.39	-47	9.74	24.6
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: HORIBA

Sample Appearance:

Odor: ☐ None ☐ Slight ☒ Mod. ☐ Strong

Color: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
1	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 25.32 ft

Comments

Sampler's Signature: [Signature]

Duck Creek

WELL/SAMPLE POINT G52L

Purge Method: Dedicated Bladder

Date: 7/7/25 Start Time: 1018 Finish/Sample Time: 1123

Well Depth (Bottom) From MP: 37.11 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 27.19 ft Total Purge Volume: 4150 mL

Water Column Length: 9.92 ft

Well Water Volume: 6.01 L Total Drawdown: 5.33 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1049	28.52	150	6.71	1390	17.98	186	0.64	0.00
2	1052	29.29	150	6.82	1340	17.21	130	0.32	0.00
3	1055	29.87	150	6.85	1300	16.60	104	0.42	0.00
4	1058	30.25	150	6.87	1310	16.05	94	0.45	0.00
5	1101	30.68	150	6.88	1300	15.91	100	0.48	0.00
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 32.52 ft

Comments

Sampler's Signature:

Bohannon

Duck Creek

WELL/SAMPLE POINT G52L (Cont.)

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
6	1104	30.97	150	6.88	1300	15.87	104	0.50	0.00
7	1107	31.32	150	6.89	1290	15.89	109	0.52	0.00
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

Johannan

Duck Creek

WELL/SAMPLE POINT **G52S**

Purge Method: **Dedicated Peristaltic Tubing**

Date: **7-15-25** Start Time: **1307** Finish/Sample Time: **1411**

Well Depth (Bottom) From MP: **17** **47.31** ft Min. Purge Volume: **1360** 1000 mL

Depth to Water From MP: **31.40** ft **31.50** Total Purge Volume: **1500** mL

Water Column Length: **15.81** ft

Well Water Volume: **9.57** L Total Drawdown: **0.06** ft

APP 7/16/25

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1207	31.56	16.5	7.40	1090	22.54	107	6.96	78.3
2	1210	31.56	16.5	7.26	1060	21.18	113	6.23	64.7
3	1215	31.56	16.5	7.22	1050	20.91	116	6.07	50.4
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

HORIBA

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1+1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1+1	General (P,500mL)
	General (P,1000mL)
	Rad (P,2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1+1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **31.56** ft

Comments

7-15-25 UNABLE TO DRAW WATER

7-16-25 LACK OF WATER FLOW. 50ml every 3min.

Sampler's Signature:

Logan Ross

WELL/SAMPLE POINT G53L

Purge Method: Dedicated Bladder

Date: 7/7/2025 Start Time: 1300 Finish/Sample Time: 1345

Well Depth (Bottom) From MP: 29.78 ft

Min. Purge Volume: 1000 mL

Depth to Water From MP: 12.31 ft

Total Purge Volume: 2500 mL

Water Column Length: 17.47 ft

Well Water Volume: 10.58 L

Total Drawdown: 1.84 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1315	13.65	100	6.42	819	19.55	80	1.33	0.00
2	1318	13.82	100	6.31	835	18.35	70	0.78	0.00
3	1321	13.98	100	6.26	833	18.08	65	0.64	0.00
4	1324	14.05	100	6.26	839	18.07	63	0.57	0.00
5	1327	14.07	100	6.24	842	18.06	62	0.53	0.00
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

③

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 14.15 ft

Comments

Sampler's Signature: Bohannon

WELL/SAMPLE POINT **G53S**

Purge Method: **Dedicated Bladder**

Date: **7/7/2025** Start Time: **1150** Finish/Sample Time: **1232**

Well Depth (Bottom) From MP: **38.44** ft

Min. Purge Volume: **1000** mL

Depth to Water From MP: **15.41** ft

Total Purge Volume: **2500** mL

Water Column Length: **23.03** ft

Well Water Volume: **13.95** L

Total Drawdown: **0.77** ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1205	15.93	100	6.62	678	18.47	36	0.17	121
2	1208	16.06	100	6.56	681	18.44	18	0.21	110
3	1211	16.11	100	6.51	684	18.42	2	0.27	169
4	1214	16.15	100	6.46	686	18.43	-4	0.28	170
5	1217	16.18	100	6.47	687	18.44	-5	0.28	171
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

③

Final DTW: **16.18** ft

Comments

Sampler's Signature: **Bohannon**

WELL/SAMPLE POINT **G54L**

Purge Method: **Dedicated Peristaltic Tubing**

Date: 9-Jul-25 Start Time: 14:34 Finish/Sample Time: 1600 1557

Well Depth (Bottom) From MP: 40.15 ft Min. Purge Volume: 1000 mL
Depth to Water From MP: 29.55 ft Total Purge Volume: 3000 mL
Water Column Length: 10.60 ft
Well Water Volume: 642 L Total Drawdown: 0.77 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (µmhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1352	30.05	100	6.37	1660	24.01	-42	2.35	2.5
2	1365	30.13	1	6.31	570	23.16	-43	1.67	0.0
3	1358	30.20	1	6.26	540	24.42	-43	1.46	0.0
4	1501	30.24	1	6.21	510	24.09	-41	0.23	0.0
5	1504	30.30	1	6.18	500	24.97	-39	1.09	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba (Austin)

Check pH if reading is below 6.5

Secondary pH Meter:

Horiba (Andrew)

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

2
9-Jul

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 30.32 ft

Comments

Secondary pH Meter set up after unit 3. pH reading Unit 4
6.32 unit 5 6.23, unit 6 6.17, unit 7 6.12.

Sampler's Signature: Andrew M

WELL/SAMPLE POINT G54L (Cont.)

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
6	1507	30.36	100	6.14	1490	22.01	-36	0.99	0.0
7	1510	30.70	L	6.13	1490	22.07	-35	0.98	0.0
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments Flow rate stopped during fill process. Cause unknown pause
Sampling @ 1557 9-Jul-25

Sampler's Signature: *[Signature]*

Duck Creek

WELL/SAMPLE POINT **G54L**

Purge Method: **Dedicated Peristaltic Tubing**

Date: **7/10/2025** Start Time: **1120** Finish/Sample Time: **1138**

Well Depth (Bottom) From MP: **40.15** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: _____ ft Total Purge Volume: _____ mL

Water Column Length: _____ ft

Well Water Volume: _____ L Total Drawdown: _____ ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1									
2									
3									
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: _____

Check pH if reading is below 6.5

Secondary pH Meter: _____

Sample Appearance:

Odor: ☐ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: _____ ft

Comments **remaining bottles filled field reads taken on previous day**

Sampler's Signature: _____

WELL/SAMPLE POINT G54S

Purge Method: Dedicated Bladder

Date: 7/7/2025 Start Time: 1405 Finish/Sample Time: 1515

Well Depth (Bottom) From MP: 51.26 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 30.44 ft Total Purge Volume: 2500 mL

Water Column Length: 20.82 ft

Well Water Volume: 12.61 L Total Drawdown: 1.36 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1428	32.80	150	6.86	726	19.89	-42	4.98	0.0
2	1431	32.80	150	6.94	727	19.73	-57	3.99	0.0
3	1434	32.80	150	6.82	727	19.22	-80	0.58	0.0
4	1437	32.80	150	6.81	728	19.25	-75	0.53	0.0
5	1440	32.80	150	6.81	729	19.28	-73	0.55	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horiba

Check pH if reading is below 6.5

Secondary pH Meter: N/A

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
1	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 32.80 ft

Comments

Sampler's Signature: Bohannon

WELL/SAMPLE POINT **G55L**

Purge Method: **Dedicated Bladder**

Date: **07/07/25** Start Time: **1014** Finish/Sample Time: **1051**

Well Depth (Bottom) From MP: **36.60** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **26.40** ft Total Purge Volume: **1100** mL

Water Column Length: **10.20** ft

Well Water Volume: **6.17** L Total Drawdown: **3.69** ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1030	28.45	100	6.59	956	17.99	9	3.22	0.0
2	1032	28.73	100	6.58	961	17.91	9	3.22	0.0
3	1034	28.92	100	6.59	965	17.94	9	3.21	0.0
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **NOZBA**

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P,2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **30.09** ft

Comments

Sampler's Signature: 

Duck Creek

WELL/SAMPLE POINT **G55S**

Purge Method: Dedicated Bladder

Date: 07/07/25 Start Time: 1052 Finish/Sample Time: 1129

Well Depth (Bottom) From MP: 46.00 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 27.83 ft Total Purge Volume: 1000 mL

Water Column Length: 18.17 ft

Well Water Volume: 11.00 L Total Drawdown: 2.39 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1110	28.95	100	6.91	750	19.26	-17	2.02	71.0
2	1111	28.99	100	6.91	749	19.30	-17	2.10	69.0
3	1112	30.03	100	6.91	747	19.34	-17	2.18	70.0
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: HORIBA

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☐	☒
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 30.22 ft

Comments

Sampler's Signature: 

WELL/SAMPLE POINT **G56L**

Purge Method: **Dedicated Peristaltic Tubing**

Date: **8-Jul-25** Start Time: **12/5** Finish/Sample Time: **1259**

Well Depth (Bottom) From MP: **25.43** ft

Min. Purge Volume: **1000** mL

Depth to Water From MP: **2.79** ft

Total Purge Volume: **1750** mL

Water Column Length: **3.64** ft

Total Drawdown: **0.93** ft

Well Water Volume: **2.28** L

ADP 7/10/25

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1236	22.22	150	6.54	1060	22.62	128	2.60	2.3
2	1238	22.31		6.48	1020	22.13	129	2.38	6.8
3	1240	22.36		6.44	1000	21.71	130	2.26	9.1
4	1242	22.44		6.43	990	21.68	126	2.15	10.0
5	1244	22.49		6.41	978	21.62	121	2.20	12.3
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **Hociba**

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

(3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **22.72** ft

Comments

Sampler's Signature: **[Signature]**

Duck Creek

WELL/SAMPLE POINT G56S

Purge Method: Dedicated Bladder

Date: 07/07/25 Start Time: 1430 Finish/Sample Time: 1518

Well Depth (Bottom) From MP: 41.10 ft

Min. Purge Volume: 1000 mL

Depth to Water From MP: 22.20 ft

Total Purge Volume: 1000 mL

Water Column Length: 18.90 ft

Well Water Volume: 11.44 L

Total Drawdown: 3.08 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1450	23.57	100	7.15	786	21.24	-18	1.61	1000
2	1451	23.80	100	7.13	785	21.21	-26	1.03	980
3	1452	24.04	100	7.10	786	21.18	-22	1.01	970 ^{KNO} 979
4	1453	24.28	100	7.09	784	21.17	-21	1.00	980
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: HORIBO

Sample Appearance:

Odor: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☐ Slight ☐ Mod. ☒ Strong

Turb: ☐ None ☐ Slight ☐ Mod. ☒ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P,2.5L, HNO3)

3

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 25.28 ft

Comments

Sampler's Signature: [Signature]

Duck Creek

WELL/SAMPLE POINT G57L

Purge Method: Dedicated Peristaltic Tubing

Date: 07/08/25 Start Time: 13:20 Finish/Sample Time: 14:33

Well Depth (Bottom) From MP: 29.26 ft ASW 07/08/25 Min. Purge Volume: 1000 mL

Depth to Water From MP: 24.90 ft 23.90 Total Purge Volume: 2800 mL

Water Column Length: 5.36 ft

Well Water Volume: 3.25 L Total Drawdown: 4.40 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	13:40	24.21	100	6.61	1230	17.33	150	5.30	0.0
2	13:43	24.65	100	6.39	1230	18.45	65	2.68	0.0
3	13:46	24.88	100	6.28	1250	18.10	22	2.71	0.0
4	13:49	24.97	100	6.15	1280	18.14	7	2.96	0.0
5	13:52	25.03	100	6.10	1300	18.19	1	3.00	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

4
ASW
07/08/25
3

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

ASW 07/08/25

Final DTW: 28.30 ft

Comments Filled the wrong bottles by mistake. Fixed and Filled the correct ones

Sampler's Signature: *Andy Waters*

Duck Creek

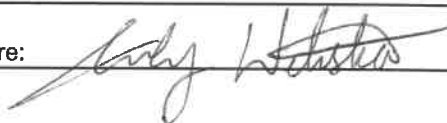
WELL/SAMPLE POINT G57L (Cont.)

ASW 07/08/25
2.91

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
6	13:55	25.10	100	6.12	1310	15.22	-3	3	0.0
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:



Duck Creek

WELL/SAMPLE POINT **G57S**

Purge Method: **Dedicated Bladder**

Date: **07/08/25** Start Time: **14:46** Finish/Sample Time: **15:52**

Well Depth (Bottom) From MP: **37.40** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **23.66** ft Total Purge Volume: **2800** mL

Water Column Length: **13.74** ft

Well Water Volume: **8.32** L Total Drawdown: **1.32** ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	14:54	24.22	100	6.92	1460	19.76	125	4.71	0.0
2	14:57	24.22	100	6.76	1370	19.83	97	3.80	0.0
3	15:00	24.22	100	6.67	1360	19.89	72	2.66	0.0
4	15:03	24.22	100	6.55	1400	20.00	52	1.72	0.0
5	15:06	24.22	100	6.51	1400	20.07	47	1.59	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Check pH if reading is below 6.5 or above 7.5

Secondary pH Meter:

Oakton

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
1	Rad (P, 2.5L, HNO3)

4

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: **24.98** ft

Comments

Sampler's Signature:

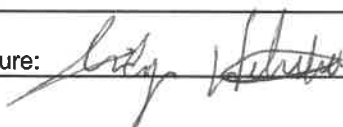
[Signature]

WELL/SAMPLE POINT G57S (Cont.)

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
6	15:09	24.22	100	6.50	1420	20.09	47	1.62	0.0
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature: _____



WELL/SAMPLE POINT G58L

Purge Method: Dedicated Peristaltic Tubing

Date: 07/08/25 Start Time: 11:52 Finish/Sample Time: 12:25

Well Depth (Bottom) From MP: 33.80 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 27.31 ft Total Purge Volume: 2800 mL

Water Column Length: 6.49 ft

Well Water Volume: 3.93 L Total Drawdown: 1.31 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	12:00	27.71	150	6.67	1180	18.17	179	3.72	0.0
2	12:03	27.85	150	6.64	1160	18.20	180	3.26	0.0
3	12:06	28.00	150	6.57	1160	18.26	183	3.07	0.0
4	12:09	28.15	150	6.55	1160	18.22	186	3.20	0.0
5	12:12	ASW 07/08/25	150						
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

(3)

Final DTW: 28.62 ft

Comments

Sampler's Signature: [Signature]

Duck Creek

WELL/SAMPLE POINT **G58S**

Purge Method: **Dedicated Bladder**

Date: 07/08/25 Start Time: 12:30 Finish/Sample Time: 13:10

Well Depth (Bottom) From MP: 39.45 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 27.36 ft Total Purge Volume: 2800 mL

Water Column Length: 12.11 ft

Well Water Volume: 7.33 ~~1.24~~ L Total Drawdown: 1.24 ft
ASW 07/08/25

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		(ft.)	(mL/min)	(s.u.)	(umhos/cm)	(deg C)	(mV)	(mg/L)	(NTU)
1	12:40	28.22	100	6.56	1080	17.41	198	2.86	0.0
2	12:43	28.33	100	6.45	1080	18.05	197	1.84	0.0
3	12:46	28.20	100	6.38	1070	18.25	196	1.53	0.0
4	12:49	28.28	100	6.35	1070	18.15	195	1.36	0.0
5	12:52	28.33	100	6.36	1070	18.07	195	1.35	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

(3)

Final DTW: 28.60 ft

Comments

Sampler's Signature: *Aidy Heston*

Duck Creek

WELL/SAMPLE POINT G58S (Cont.)

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
6	12:55	28.38	100	6.34	1060	18.07	196	1.33	0.0
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:



WELL/SAMPLE POINT **G59L**

Purge Method: **Dedicated Peristaltic Tubing**

Date: **7-7-25** Start Time: **1047** Finish/Sample Time: **1220**

Well Depth (Bottom) From MP: **35.32** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **29.76** ft Total Purge Volume: **1900** mL

Water Column Length: **5.56** ft

Well Water Volume: **3.37** L Total Drawdown: **2.04** ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1114	30.70	200	5.85	206	25.65	125	1.60	0
2	1117	30.78	200	5.85	204	25.75	129	1.73	0
3	1120	30.87	200	5.85	205	25.75	130	1.76	0
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **HORIBA**

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1+1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1+1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1+1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **31.80** ft

Comments

Sampler's Signature: **[Signature]**

WELL/SAMPLE POINT **G59L**

Purge Method: Dedicated Peristaltic Tubing

Date: 07/17/25 Start Time: 1109 ~~0940~~ 0930 Finish/Sample Time: 1045

Well Depth (Bottom) From MP: 35.32 ft 1509 07/17/25 Min. Purge Volume: 1000 mL

Depth to Water From MP: 7/17/25 31.14 ft 30.77 Total Purge Volume: 1800 mL

Water Column Length: 4.35 ft

Well Water Volume: 2.63 L Total Drawdown: 2.23 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	0948	31.20	100	6.44	805	21.64	220	3.18	0.0
2	0951	31.34	100	6.40	800	20.20	219	3.20	0.0
3	0954	31.49	100	6.48	809	20.21	217	3.18	0.0
4	0957	31.62	100	6.47	810	20.17	215	3.52	0.0
5	1000	31.50	100	6.47	805	20.10	215	3.29	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: HORIBA

Sample Appearance:

Odor: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☐	☒
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1+1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1+2	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

⑥

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1+1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 33.20 ft

Comments

DUP TAKEN HERE.

Resample

Sampler's Signature: [Signature]

WELL/SAMPLE POINT G59L (Cont.)

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
6	1003	31.63	100	6.45	806	20.08	216	3.30	0.0
7	1006	31.72	100	6.43	805	20.04	214	3.29	0.0
8	1009	31.88	100	6.43	801	20.03	210	3.26	0.0
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature: _____



WELL/SAMPLE POINT **G59S**

Purge Method: **Dedicated Bladder**

Date: **7-7-25** Start Time: **1224** Finish/Sample Time: **1312**

Well Depth (Bottom) From MP: **45.20** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **32.62** ft Total Purge Volume: **1900** mL

Water Column Length: **12.58** ft

Well Water Volume: **7.62** L Total Drawdown: **1.37** ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1249	33.80	200	6.02	232	19.94	-55	0	7.1
2	1252	33.83	200	5.95	224	19.99	-55	0	7.9
3	1255	33.92	200	5.98	227	20.03	-56	0	7.3
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **HOE13A**

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **33.99** ft

Comments

Sampler's Signature: 

WELL/SAMPLE POINT **G59S**

Purge Method: **Dedicated Bladder**

Date: **7/16/2025** Start Time: **11:35** Finish/Sample Time: **12:04**

Well Depth (Bottom) From MP: **45.20** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **33.60** ft Total Purge Volume: **2600** mL

Water Column Length: **11.60** ft

Well Water Volume: **7.02** L Total Drawdown: **0.42** ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1146	34.02	200	7.05	804	18.09	-75	4.51	21.1
2	1148	34.02	200	6.94	785	17.65	-75	4.45	17.3
3	1150	34.02	200	6.87	799	17.58	-75	4.49	8.4
4	1152	34.02	200	6.80	799	17.59	-75	4.42	5.2
5	1154	34.02	200	6.79	797	17.53	-75	4.44	4.7
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **Horiba**

Sample Appearance:

Odor: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	✓	
Casing locked/secure	✓	
Well cap fits securely.		✓
Good seal/drainage	✓	
Well has weep holes	✓	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **34.02** ft

Comments

Resample

Sampler's Signature:



WELL/SAMPLE POINT G60L

Purge Method: Dedicated Peristaltic Tubing

Date: 7-7-25 Start Time: 1336 Finish/Sample Time: 1424

Well Depth (Bottom) From MP: 27.00 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 15.83 ft Total Purge Volume: 1900 mL

Water Column Length: 11.17 ft

Well Water Volume: 6.76 L Total Drawdown: 10.33 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1345	22.58	240	5.85	210	14.60	123	3.91	5.4
2	1348	23.58	209	5.03	209	14.63	121	3.81	5.8
3	1351	23.70	209	5.03	209	14.70	119	3.72	4.9
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: HORIBA

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
1	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 26.16 ft

Comments

Sampler's Signature: [Signature]

WELL/SAMPLE POINT **G60L**

Purge Method: **Dedicated Peristaltic Tubing**

Date: 7/16/2025 Start Time: 1230 Finish/Sample Time: 1320

Well Depth (Bottom) From MP: 27.00 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 16.46 ft Total Purge Volume: 1800 mL

Water Column Length: 10.54 ft

Well Water Volume: 6.31 L Total Drawdown: 7.57 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1247	18.80	200	6.13	685	17.90	32	3.53	17.1
2	1249	18.82	200	6.12	677	17.91	33	3.48	16.7
3	1251	18.84	200	6.07	686	17.85	37	3.56	16.9
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
1	Rad (P, 2.5L, HNO3)

5

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 24.03 ft

Comments

Resample

Sampler's Signature:

[Signature]

WELL/SAMPLE POINT G60S

Purge Method: Dedicated Bladder

Date: 7-7-25 Start Time: 1359 Finish/Sample Time: 1515

Well Depth (Bottom) From MP: 39.20 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 24.70 ft Total Purge Volume: 1900 mL

Water Column Length: 14.50 ft

Well Water Volume: 8.78 L Total Drawdown: .30 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1409	25.00	200	6.08	243	18.54	-7	0	38.9
2	1412	25.00	200	6.04	248	18.47	-17	0	32.4
3	1415	25.00	200	5.99	245	17.38	-17	0	19.6
4	1418	25.00	200	6.05	248	17.06	-23	0	19.2
5	1421	25.00	200	6.00	248	16.78	-24	0	18.4
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: HOPIBA/OAKTON

Check pH if reading is below 6.5 or above 7.5

Secondary pH Meter: OAKTON

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
1	Rad (P, 2.5L, HNO3)

4

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 25.00 ft

Comments

Sampler's Signature: [Signature]

G60S (Cont.)

Stabilization

NA

NA

NA

 ± 0.1 $\pm 3\%$

+0.1

+ 10

0% or 0.2

 $f > 10$

OAKTON

TIME

1. 7.27

1409

2.7.21

1427

3.7.21

1430

Comments

Sampler's Signature:

742

WELL/SAMPLE POINT **G60S**

Purge Method: **Dedicated Bladder**

Date: 7/16/2025 Start Time: 1339 Finish/Sample Time: 1426

Well Depth (Bottom) From MP: 39.20 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 24.84 ft Total Purge Volume: 3800 mL

Water Column Length: 14.36 ft

Well Water Volume: 8.68 L Total Drawdown: 0.97 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1353	25.00	200	7.03	803	17.00	28	3.12	107
2	1355	25.15	200	6.98	808	15.64	23	2.57	97.2
3	1357	25.30	200	6.82	809	15.62	18	2.32	75.7
4	1359	25.45	200	6.79	809	15.58	16	2.16	58.0
5	1401	25.60	200	6.76	808	15.66	-5	2.19	50.1
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horiba

Check pH if reading is below 6.5 or above 7.5

Secondary pH Meter: —

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
1	Rad (P, 2.5L, HNO3)

(4)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 25.81 ft

Comments Resample

Sampler's Signature: [Signature]

WELL/SAMPLE POINT G60S (Cont.)

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
6	1403	28 ²⁵ 172	200	6.73	807	15.59	-18	2.51	49.5
7	1405	28 ²⁵ 86	200	6.70	810	15.53	-21	2.51	32.0
8	1407	28 ²⁵ 90	200	6.68	806	15.50	-25	2.50	31.0
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments re Sample

Sampler's Signature: _____



WELL/SAMPLE POINT **G61S**

Purge Method: **Dedicated Bladder**

Date: **7-7-25** Start Time: **1517** Finish/Sample Time: **1604**

Well Depth (Bottom) From MP: **37.85** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **23.47** ft Total Purge Volume: **1900** mL

Water Column Length: **14.38** ft

Well Water Volume: **8.71** L Total Drawdown: **4.91** ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1530	25.52	200	5.82	301	17.35	173	0	0
2	1533	26.55	200	5.72	288	17.28	179	.28	.7
3	1536	27.25	200	5.72	280	17.27	179	.31	.59
4	1539	27.56	200	5.72	283	17.30	181	.35	.62
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **HORIBA**

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
1	Rad (P,2.5L, HNO3)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **28.38** ft

Comments

Sampler's Signature: 

WELL/SAMPLE POINT **G61S**

Purge Method: **Dedicated Bladder**

Date: **7/17/25** Start Time: **0957** Finish/Sample Time: **1132**

Well Depth (Bottom) From MP: **37.85** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **23.35** ft Total Purge Volume: **3700** mL

Water Column Length: **14.50** ft

Well Water Volume: **8.78** L Total Drawdown: **3.23** ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1020	26.12	100	6.93	913	17.90	191	1.52	0.0
2	1024	26.58	100	6.81	895	17.69	195	2.09	0.0
3	1027	26.58	100	6.76	886	17.56	197	2.13	0.0
4	1030	26.58	100	6.71	880	17.44	200	2.12	0.0
5	1033	26.58	100	6.68	879	17.47	202	2.07	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
1	Rad (P,2.5L, HNO3)

④

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **26.58** ft

Comments

10 Sample

Sampler's Signature:

Johannan

WELL/SAMPLE POINT G61S (Cont.)

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
6	1036	26.58	100	6.67	877	17.45	203	2.03	0.0
7	1039	26.58	100	6.65	881	17.62	204	1.98	0.0
8	1042	26.58	100	6.63	881	17.63	205	1.99	0.0
9	1045	26.58	100	6.64	882	17.64	203	1.95	0.0
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

Bohannan

WELL/SAMPLE POINT **G62L**

Purge Method: **Dedicated Peristaltic Tubing**

Date: **07/08/25** Start Time: **10:33** Finish/Sample Time: **11:50**

Well Depth (Bottom) From MP: **33.52** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **23.00** ft Total Purge Volume: **4600** mL

Water Column Length: **10.52** ft

Well Water Volume: **6.37** L Total Drawdown: **1.60** ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	10:50	23.50	150	6.82	1190	21.02	153	5.42	0.0
2	10:53	23.61	150	6.69	1250	20.43	151	4.97	0.0
3	10:56	23.69	150	6.63	1250	20.07	147	4.27	0.0
4	10:59	23.81	150	6.56	1230	19.46	151	3.54	0.0
5	11:02	23.93	150	6.52	1220	19.31	157	3.18	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
1	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **24.60** ft

Comments **Well is hard to purge water from.**

Sampler's Signature: **[Signature]**

WELL/SAMPLE POINT G62L (Cont.)

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
6	11:05	24.02	150	6.51	1230	19.03	160	2.89	0.0
7	11:08	24.18	150	6.50	1220	19.08	161	2.92	0.0
8	11:11	23.26	150	6.50	1230	19.04	160	2.98	0.0
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:



WELL/SAMPLE POINT G63L

Purge Method: Dedicated Peristaltic Tubing

Date: 07/07/25 Start Time: 14:30 Finish/Sample Time: 15:10

Well Depth (Bottom) From MP: 31.00 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 23.81 ft Total Purge Volume: 2500 mL

Water Column Length: 7.19 ft

Well Water Volume: 4.35 L Total Drawdown: 2.04 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	14:40	24.36	100	6.45	1430	16.06	180	1.77	0.0
2	14:43	24.54	100	6.32	1440	15.83	180	1.43	0.0
3	14:46	24.63	100	6.29	1450	15.83	178	1.22	0.0
4	14:49	24.76	100	6.27	1450	15.80	177	1.15	0.0
5	14:52	24.81	100	6.27	1460	15.76	177	1.10	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

(3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4) *

Final DTW: 25.85 ft

Comments

Sampler's Signature: *Andy Antistea*

WELL/SAMPLE POINT **G63S**

Purge Method: **Dedicated Bladder**

Date: 07/07/25 Start Time: 15:12 Finish/Sample Time: 15:50

Well Depth (Bottom) From MP: 42.45 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 24.63 ft Total Purge Volume: 3100 mL

Water Column Length: 17.82 ft

Well Water Volume: 10.79 L Total Drawdown: 3.22 ft

AJW 07/07/25

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	15:18	25.94	100	6.76	920	17.87	173	4.34	458
2	15:21	26.04	100	6.76	914	18.59	104	3.59	528
3	15:24	26.23	100	6.74	916	19.08	93	3.86	330
4	15:27	26.42	100	6.77	912	19.06	100	3.88	228
5	15:30	26.58	100	6.77	908	19.06	109	3.84	137
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☒ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

3

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 27.85 ft

Comments

Sampler's Signature:

Ashley Holiska

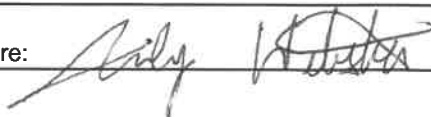
~~Duck Creek~~

WELL/SAMPLE POINT G63S (Cont.)

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
6	15:33	26.80	100	6.77	911	19.06	114	3.88	128
7	15:36	26.91	100	6.77	914	19.08	115	3.85	125
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:



WELL/SAMPLE POINT **G64L**

Purge Method: **Dedicated Peristaltic Tubing**

Date: 07/07/25 Start Time: 12:10 Finish/Sample Time: 13:30

Well Depth (Bottom) From MP: 30.25 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 22.71 ft Total Purge Volume: 3400 mL

Water Column Length: 7.54 ft

Well Water Volume: 4.57 L Total Drawdown: 0.92 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	12:23	23.10	100	7.25	1160	17.86	194	3.13	0.0
2	12:26	23.18	100	7.05	1150	17.67	198	2.95	0.0
3	12:29	23.29	100	6.81	1140	17.52	207	2.80	0.0
4	12:32	23.36	100	6.64	1130	17.65	214	2.48	0.0
5	12:35	23.43	100	6.55	1130	17.50	220	2.37	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horiba

Check pH if reading is below 6.5 or above 7.5

Secondary pH Meter: Oakton

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
1	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
1	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 23.63 ft

Comments

Sampler's Signature: [Signature]

WELL/SAMPLE POINT **G64L (Cont.)**

23.48 AJW 07/07/25

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
6	12:38	12.48	100	6.49	1130	17.31	224	2.26	0.0
7	12:41	23.53	100	6.45	1130	17.27	227	2.12	0.0
8	12:44	23.60	100	6.42	1140	17.24	231	2.04	0.0
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Oakton
Reading 6: ~~7.10~~
Reading 7: 7.11
Reading 8: 7.11

AJW 07/07/25

Comments Final three ^{PH} reads taken on oakton due to double checked
horrible going below 6.5 for PH
APP 7/23/25

Sampler's Signature: *Andy Whitson*

WELL/SAMPLE POINT **G64S**

Purge Method: **Dedicated Bladder**

Date: 07/07/25 Start Time: 13:33 Finish/Sample Time: 14:25

Well Depth (Bottom) From MP: 39.50 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 23.98 ft Total Purge Volume: 2200 mL

Water Column Length: 15.52 ft

Well Water Volume: 9.40 L Total Drawdown: 2.23 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	13:41	24.70	150	6.87	852	19.36	-16	3.31	0.0
2	13:44	24.70	150	6.85	840	18.62	-15	3.39	0.0
3	13:47	24.70	150	6.85	844	18.62	-7	3.33	0.0
4	13:50	24.70	150	6.83	841	18.60	-6	3.21	0.0
5	13:53		150						
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

ASW 07/07/25

Field Meter: Horiba

Check pH if reading is below 6.5 or above 7.5

Secondary pH Meter: Oakton

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
1	General (P,1000mL)
	General (P, 500 mL)
	Ammonia (P, 250mL, H2SO4)
1	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

4

Final DTW: 25.75 ft

Comments

Sampler's Signature: Andy Wetushka

WELL/SAMPLE POINT **G65L**

Purge Method: **Dedicated Peristaltic Tubing**

Date: **8-5-25** Start Time: **1427** Finish/Sample Time: **1906**

Well Depth (Bottom) From MP: **25.20** ft

Min. Purge Volume: **1000** mL

Depth to Water From MP: **23.96** ft

Total Purge Volume: **1790** mL

Water Column Length: **1.56** ft

Well Water Volume: **0.94** L

Total Drawdown: **0.32** ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1438	23.90	150	7.20	620	20.60	117	3.48	0.0
2	1440	23.93	1	7.04	620	20.31	117	3.75	0.0
3	1442	23.95	1	6.92	630	20.04	116	3.53	0.0
4	1444	23.96	1	6.86	640	19.98	116	3.43	0.0
5	1446	23.96	1	6.82	650	19.94	117	3.38	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **Hanna**

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
1	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **23.96** ft

Comments

Sampler's Signature: **Ramon M**

WELL/SAMPLE POINT **G65S**

Purge Method: **Dedicated Bladder**

Date: **6-Jul-25** Start Time: **1447** Finish/Sample Time: **1520**

Well Depth (Bottom) From MP: **35.10** ft
Depth to Water From MP: **23.96** ft
Water Column Length: **11.14** ft
Well Water Volume: **6.75** L
Min. Purge Volume: **1000** mL
Total Purge Volume: **1450** mL
Total Drawdown: **2.34** ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1500	26.20	150	6.75	1790	17.69	112	9.03	0.05
2	1502	26.30	1	6.75	1780	17.68	112	8.96	0.05
3	1504	26.30	1	6.76	1740	17.71	112	9.16	0.05
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Hociba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well-cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

3

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **26.30** ft

Comments

Sampler's Signature: **[Signature]**

WELL/SAMPLE POINT **G66L**

Purge Method: **Dedicated Peristaltic Tubing**

Date: **8-Jul-25** Start Time: **1342** Finish/Sample Time: **1420**

Well Depth (Bottom) From MP: **22.83** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **20.34** ft Total Purge Volume: **1750** mL

Water Column Length: **2.49** ft

Well Water Volume: **1.51** L Total Drawdown: **0.94** ft

APP 7/10/25

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1352	20.69	150	6.42	2290	20.83	92	2.95	0.8
2	1354	20.73	↓	6.51	2320	20.94	106	3.25	0.8
3	1356	20.83	↓	6.51	2330	20.50	112	4.89	0.8
4	1358	20.89	↓	6.52	2320	20.46	116	4.91	0.8
5	1400	20.95	↓	6.52	2320	20.42	120	4.91	0.8
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **Horiba**

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

(3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **21.28** ft

Comments

Sampler's Signature: **[Signature]**

WELL/SAMPLE POINT **G66S**

Purge Method: **Dedicated Bladder**

Date: **8-Jul-25** Start Time: **1318** Finish/Sample Time: **1355**

Well Depth (Bottom) From MP: **43.05** ft

Min. Purge Volume: **1000** mL

Depth to Water From MP: **20.74** ft

Total Purge Volume: **1750** mL

Water Column Length: **22.31** ft

Well Water Volume: **13.51** L

Total Drawdown: **3.29** ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1328	22.30	150	6.73	982	20.92	-45	9.84	82.9
2	1330	22.56		6.68	956	20.46	-36	9.67	101
3	1332	22.80		6.67	935	20.20	-28	9.45	96.0
4	1334	23.01		6.65	923	20.15	-22	9.58	85.1
5	1336	23.24		6.64	913	20.10	-18	9.42	81.9
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **Horiba**

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

3

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **20.03** ft

Comments

Sampler's Signature: **[Signature]**

WELL/SAMPLE POINT **G67L**

Purge Method: **Dedicated Peristaltic Tubing**

Date: **9-Jul-25** Start Time: **1200** Finish/Sample Time: **1246**

Well Depth (Bottom) From MP: **20.09** ft

Min. Purge Volume: **1000** mL

Depth to Water From MP: **7.12** ft

Total Purge Volume: **750** mL

Water Column Length: **2.97** ft

2200

Well Water Volume: **1.80** L

Total Drawdown: **0.91** ft

APP 9/10/25

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1216	17.52	150	6.40	1070	19.43	94	2.79	0.0
2	1218	17.62		6.24	1060	19.50	113	3.06	0.0
3	1220	17.68		6.14	1050	19.26	122	2.81	0.0
4	1222	17.73		6.09	1050	19.18	128	2.86	0.0
5	1224	17.80		6.06	1040	19.16	132	2.83	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	/	
Casing locked/secure	/	
Well cap fits securely.	/	
Good seal/drainage	/	
Well has weep holes	/	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **18.03** ft

Comments

Sampler's Signature: **[Signature]**

WELL/SAMPLE POINT G67S

Purge Method: Dedicated Bladder

Date: 07/09/25 Start Time: 12:30 Finish/Sample Time: 13:22

Well Depth (Bottom) From MP: 39.50 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: N/A ft Total Purge Volume: 2500 mL

Water Column Length: N/A ft

Well Water Volume: N/A L Total Drawdown: N/A ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	12:40	N/A	100	7.05	1070	21.71	68	8.05	21000
2	12:43	N/A	100	6.85	1060	21.49	92	7.43	21000
3	12:46	N/A	100	6.84	1050	21.54	103	7.22	21000
4	12:49	N/A	100	6.84	1050	21.47	104	7.21	21000
5	12:52	N/A	100	6.84	1060	21.44	103	7.30	21000
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

460
447
464
455
463

Field Meter: Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☒ Mod. ☐ Strong ASW 07/08/25

Turb: ☐ None ☐ Slight ☐ Mod ☒ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4) *
1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

3

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: N/A ft

Comments Water level below pump @ 37.86.

Turbidity checked
with Horiba V7320 PHK

Sampler's Signature: [Signature]

WELL/SAMPLE POINT **G70L**

Purge Method: **Dedicated Bladder**

Date: **9-Jul-25** Start Time: **1331** Finish/Sample Time: **1417**

Well Depth (Bottom) From MP: **33.05** ft

Min. Purge Volume: **1000** mL

Depth to Water From MP: **22.41** ft

Total Purge Volume: **2050** mL

Water Column Length: **10.64** ft

Well Water Volume: **6.44** L

Total Drawdown: **3.05** ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhqs/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1340	23.18	150.0	6.36	6110	20.97	133	3.92	0.0
2	1342	23.40	↓	6.34	6000	19.82	139	8.52	0.0
3	1344	23.40	↓	6.29	5900	19.55	143	8.44	0.0
4	1346	23.61	↓	6.28	5830	19.58	149	7.83	0.0
5	1348	23.66	↓	6.27	5800	19.51	146	7.97	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **Horiba**

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1+1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1+1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1+1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **25.46** ft

Comments **dup taken here.**

Sampler's Signature: **[Signature]**

WELL/SAMPLE POINT G70L (Cont.)

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
6	1350	23.85	150	6.26	5800	19.52	178	7.87	0.0
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments _____

Sampler's Signature:

WELL/SAMPLE POINT **G71L**

Purge Method: **Dedicated Peristaltic Tubing**

Date: **07/14/25** Start Time: **0905** Finish/Sample Time: **1104**

Well Depth (Bottom) From MP: **32.95** ft

Min. Purge Volume: **1000** mL

Depth to Water From MP: **29.44** ft

Total Purge Volume: **7900** mL

Water Column Length: **3.51** ft

2200 mL

app time 1/25

Well Water Volume: **2.12** L

Total Drawdown: **0.87** ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1024	29.80	100	6.41	924	24.01	221	3.39	374
2	1027	29.88	100	6.39	1020	23.01	213	2.05	329
3	1030	29.96	100	6.39	1030	23.08	208	1.95	322
4	1033	30.04	100	6.37	1030	23.07	206	1.92	327
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **HORIBA**

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **30.31** ft

Comments

Sampler's Signature: 

WELL/SAMPLE POINT G71S

Purge Method: Dedicated Bladder

Date: 7/10/25 Start Time: 1223 Finish/Sample Time: 1301

Well Depth (Bottom) From MP: 41.45 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 30.90 ft Total Purge Volume: 3250 mL

Water Column Length: 10.55 ft

Well Water Volume: 6.39 L Total Drawdown: 3.82 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1034	32.73	125	6.83	276	19.30	10	4.47	64.5
2	1037	33.14	125	6.79	271	18.87	10	4.38	37.1
3	1040	33.54	125	6.83	264	18.30	7	4.34	37.5
4	1043	34.01	125	6.84	265	18.20	6	4.10	57.2
5	1046	34.40	125	6.85	267	18.23	4	4.06	55.7
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 34.72 ft

Comments

Sampler's Signature:

G. Johanna

WELL/SAMPLE POINT G71S (Cont.)

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
6	1049	39.39	125	6.85	266	18.25	5	4.08	56.3
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

Bohanman

Purge Method: Dedicated Peristaltic Tubing

Well Depth (Bottom) From MP: **28.05** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: 27.96 ft Total Purge Volume: 0 mL

Water Column Length: 3.09 ft

Well Water Volume: 0.05 L Total Drawdown: 0 ft

Field Meter: 2

Odor: ☐ None ☐ Slight ☐ Mod. ☐ Strong

Color ☐ None ☐ Slight ☐ Mod. ☐ Strong

Well Integrity	Yes	No
Well has ID sign	✓	
Casing locked/secure	✓	
Well cap fits securely.	✓	
Good seal/drainage	✓	
Well has weep holes	✓	

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

[illegible]

Final DTW: ft

Comments WELL DRY, UNABLE TO SAMPLE

Sampler's Signature:

WELL/SAMPLE POINT G73L

Purge Method: Dedicated Bladder

Date: 7/10/25 Start Time: 1330 Finish/Sample Time: 1509

Well Depth (Bottom) From MP: 37.70 ft

Min. Purge Volume: 1000 mL

Depth to Water From MP: 29.87 ft

Total Purge Volume: 8875 mL

Water Column Length: 7.83 ft

Well Water Volume: 4.74 L

Total Drawdown: 3.96 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1350	31.08	125	6.57	846	19.09	158	0.00	1.9
2	1353	31.51	125	6.60	722	18.78	161	0.00	2.2
3	1356	31.72	125	6.60	759	18.95	165	0.00	3.0
4	1359	31.96	125	6.61	761	18.91	169	0.00	3.2
5	1402	32.12	125	6.61	787	17.50	170	0.00	4.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

③

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 33.83 ft

Comments

Sampler's Signature:

Bohanman

WELL/SAMPLE POINT G73L (Cont.)

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
6	1405	32.36	125	6.61	769	18.39	173	0.00	3.2
7	1408	32.58	125	6.62	770	17.99	174	0.00	3.3
8	1411	32.74	125	6.60	757	17.61	176	0.00	4.9
9	1414	32.80	125	6.60	772	17.50	178	0.00	2.3
10	1417	33.09	125	6.62	788	17.06	178	0.00	1.4
11	1420	33.28	125	6.62	801	16.88	179	0.00	2.2
12	1423	33.53	125	6.61	800	17.48	181	0.00	1.6
13	1426	33.69	125	6.61	828	16.94	182	0.00	1.8
14	1429	33.96	125	6.61	822	17.31	183	0.00	1.5
15	1433	33.83	125	6.61	862	17.38	169	0.00	2.0
16	1436	33.83	125	6.59	880	17.52	123	0.00	2.0
17	1439	33.83	125	6.58	915	17.42	69	0.00	3.4
18	1442	33.83	125	6.59	916	17.85	57	0.00	2.6
19	1445	33.83	125	6.58	978	16.87	49	0.00	3.0
20	1451	33.83	125	6.58	986	16.84	49	0.00	2.9
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

7/10
 21 1448
 1451 | 33.83 | 125 | 6.58 | 993 | 16.77 | 54 | 0.00 | 3.3 |

Comments

Sampler's Signature:

Bohannon

WELL/SAMPLE POINT L103

Purge Method: Bailer

Date: 07/17/25 Start Time: 1050 Finish/Sample Time: 1059

Depth to Water From MP: 2.72 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	1055	—	—	6.66	3190	26.96	203	1.56	24.7

8.81 5410 21.69 135 15.59 0.0

Field Meter:

HORIBA

Sample Appearance:

Odor: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign		X
Casing locked/secure		X
Well cap fits securely.		X
Good seal/drainage		X
Well has weep holes		X

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
1	General (P, 250 mL) <u>500 1000</u>

3

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)

Comments

Sampler's Signature: [Signature]

Duck Creek

WELL/SAMPLE POINT OM01

Purge Method: Dedicated Peristaltic Tubing

Date: 07/09/25 Start Time: 10:00 Finish/Sample Time: 10:43

Well Depth (Bottom) From MP: 27.62 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 12.90 ft Total Purge Volume: 3100 mL

Water Column Length: 14.72 ft

Well Water Volume: 8.91 L Total Drawdown: 5.95 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	10:13	14.03	100	7.27	3550	19.37	8	3.52	>1000
2	10:16	14.75	100	6.82	3660	19.00	-3	3.20	>1000
3	10:19	15.43	100	6.45	3740	18.55	-2	2.80	>1000
4	10:22	16.14	100	6.36	3760	18.36	-1	2.62	>1000
5	10:25	17.00	100	6.33	3780	18.27	-1	2.53	>1000
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

343

347

357

352

356

Field Meter: Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☐ Mod ☒ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P, 1000mL) <u>500mL</u>
	TOC (A,V 40mL, H2SO4)

(2)

Final DTW: 18.85 ft

Comments

Turbidity checked with Horiba
V1320 pH

Sampler's Signature: [Signature]

WELL/SAMPLE POINT OM01 (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	10:28	17.62	100	6.30	3780	18.21	0	2.51	21000
7	10:31	18.20	100	6.28	3790	18.17	1	2.46	21000
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

365
362

Comments

Sampler's Signature:

Andy Hetyka

WELL/SAMPLE POINT **OM04S**

Purge Method: **Dedicated Peristaltic Tubing**

Date: 7/16/2025 Start Time: 1328 Finish/Sample Time: 1355

Well Depth (Bottom) From MP: 35.85 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 28.84 ft Total Purge Volume: 5500 mL

Water Column Length: 7.01 ft

Well Water Volume: 4.25 L Total Drawdown: 5.59 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	1007	26.38	100	6.81	868	18.05	43	3.35	6.2
2	1010	27.22	100	6.61	866	17.73	63	3.85	11.0
3	1013	28.14	100	6.50	859	17.26	82	4.65	17.4
4	1016	28.86	100	6.44	857	17.04	79	2.83	13.3
5	1019	29.35	100	6.39	860	17.16	57	1.73	15.1
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

(2)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P, 1000mL) 500mL
	TOC (A,V, 40mL, H2SO4)

Final DTW: 30.26 ft

Comments

Sampler's Signature:

for Andrew Welosha

WELL/SAMPLE POINT **OM04S (Cont.)**

APP 7/18/25

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	1022	26.38 ^{30.18}	100	6.33	868	17.42	-10	2.04	12.8
7	1025	27.38 ^{30.82}	100	6.30	876	17.70	-4	1.77	11.4
8	1028	31.28	100	6.27	868	18.09	-6	1.47	9.0
9	1031	31.66	100	6.25	899	18.40	-2	0.80	7.3
10	1034	31.92	100	6.24	914	19.18	0	0.87	4.5
11	1037	32.20	100	6.25	945	20.21	2	1.05	3.2
12	1040	32.22	100	6.25	950	21.04	2	0.96	2.0
13	1043	32.24	100	6.45	1010	24.12	-8	1.12	0.0
14	1046	32.26	100	6.48	1010	24.23	-8	1.09	0.0
15	1049	32.24	100	6.51	1010	24.38	-10	1.03	0.0
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:


For Andrew Wileska

WELL/SAMPLE POINT OM07

Purge Method: Dedicated Peristaltic Tubing

Date: 07/10/25 Start Time: 13:07 Finish/Sample Time: 13:45

Well Depth (Bottom) From MP: 29.97 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 12.47 ft Total Purge Volume: 4150 mL

Water Column Length: 17.50 ft

Well Water Volume: 10.60 L Total Drawdown: 0.22 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	13:20	12.69	150	7.17	1210	18.44	10	2.13	31.7
2	13:22	12.69	150	7.11	1210	17.67	3	1.78	25.1
3	13:24	12.69	150	7.06	1200	17.43	-4	1.20	16.4
4	13:26	12.69	150	7.02	1200	17.41	-7	0.89	15.0
5	13:28	12.69	150	7.00	1800	17.49	-8	0.86	15.8
Stabilization	NA	NA	NA	± 0.1	1130 ± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Hanna

Sample Appearance:

Odor: ☐ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1 + 1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1 + 1	General (P, 1000mL <u>500mL</u>)
	TOC (A,V, 40mL, H2SO4)

2 + 2

Final DTW: 12.169 ft

Comments

Field dup.

Sampler's Signature:

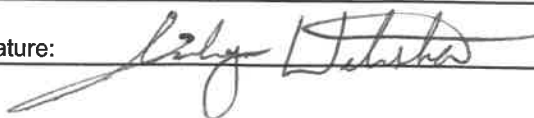
Kelly Welska

WELL/SAMPLE POINT OM07 (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	13:30	12.69	150	6.99	1190	17.45	-8	0.86	16.4
7	13:32	12.69	150	6.99	1180	17.42	-7	0.81	16.9
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:



APP 7/18/25

WELL/SAMPLE POINT **OM12**

Purge Method: **Dedicated Peristaltic Tubing**

Date: **7-16-25**

Start Time: **13:11**

Finish/Sample Time: **15:15**

Well Depth (Bottom) From MP: **43.01** ft

Min. Purge Volume: **1000** mL

Depth to Water From MP: **17.88** ft

Total Purge Volume: **4000** mL

Water Column Length: **25.24** ft

Well Water Volume: **15.29** L

Total Drawdown: **0.52** ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	1020	19.05	150	6.64	1930	18.72	-15	4.81	143
2	1022	18.78	150	6.50	2030	17.26	-33	2.92	150
3	1024	18.70	150	6.48	2040	16.76	-42	2.07	173
4	1026	18.50	150	6.47	2030	16.85	-49	2.14	249
5	1028	18.40	150	6.47	2030	16.84	-56	1.14	199
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P,250mL H2SO4)
	Rad (P, 2.5L, HNO3)

(2)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P, 1000mL) 500mL
	TOC (A,V, 40mL, H2SO4)

Final DTW: **18.40** ft

Comments **NO PERI TUBING NONE ON HAND, OUT OF STOCK. USED portable pump**

Sampler's Signature:

[Signature]

Per Andrew
Wetshen

APP 7/18/25

WELL/SAMPLE POINT OM12 (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	1030	18.40	150	6.47	2030	16.88	-58	0.99	153
7	1032	18.40	150	6.47	2030	16.84	-60	0.87	115.6
8	1034	18.40	150	6.47	2020	16.76	-61	0.77	79.8
9	1036	18.40	150	6.47	2020	16.70	-62	0.75	75.6
10	1038	18.40	150	6.47	2010	16.67	-62	0.72	72.3
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:


For Andrew Welaska

WELL/SAMPLE POINT **OM21**

Purge Method: **Dedicated Peristaltic Tubing**

Date: 07/10/25 Start Time: 11:00 Finish/Sample Time: 11:30

Well Depth (Bottom) From MP: 60.49 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 11.55 ft Total Purge Volume: 3250 mL

Water Column Length: 48.94 ft

Well Water Volume: 29.44 L Total Drawdown: 0.15 ft
2.46 ASW 07/10/25

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	11:10	11.63	150	7.03	3500	17.80	237	2.22	26.8
ASW 07/10/25	11:13	11.68	150	6.94	3370	17.35	239	2.22	21.4
11:16	11:16	11.70	150	6.92	3350	16.92	240	2.03	20.3
4	11:19	11.70	150	6.92	3340	16.86	240	1.94	21.4
5	11:22	11.70	150	6.91	3340	16.83	240	1.93	22.2
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P, 1000mL) <u>500mL</u>
	TOC (A,V, 40mL, H2SO4)

Final DTW: 11.70 ft

Comments

Sampler's Signature: Andy Winters

WELL/SAMPLE POINT OM22D

Purge Method: Portable Pump/Dedicated Tubing

Date: 07/14/25 Start Time: 12:45 Finish/Sample Time: 13:30

Well Depth (Bottom) From MP: 65.17 ft

Min. Purge Volume: 1000 mL

Depth to Water From MP: 20.02 ft

Total Purge Volume: 2500 mL

Water Column Length: 45.15 ft

Well Water Volume: 27.34 L

Total Drawdown: 0.14 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	13:04	20.16	150	6.77	4120	20.70	-133	2.02	>1000
2	13:06	20.16	150	6.77	4160	20.35	-170	1.57	>1000
3	13:08	20.16	150	6.79	4100	19.51	-174	1.39	>1000
4	13:10	20.16	150	6.79	4090	19.25	-173	1.27	863
5	13:12	20.16	150	6.79	4090	19.03	-171	1.20	618
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☐ Mod ☒ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P, 1000mL 500mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 20.16 ft

Comments Equipment blank #2 filed here.

Sampler's Signature: 

WELL/SAMPLE POINT OM22D (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	13:14	20.16	150	6.77	4090	18.87	-161	1.00	360
7	13:16	20.16	150	6.77	4080	18.52	-156	0.87	269
8	13:18	20.16	150	6.76	4080	18.57	-150	0.80	211
9	13:20	20.16	150	6.75	4090	18.67	-145	0.79	203
10	13:22	20.16	150	6.74	4100	18.64	-142	0.83	194
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature: 

WELL/SAMPLE POINT **OM23D**

Purge Method: **Portable Pump/Dedicated Tubing**

Date: 07/14/25 Start Time: 12:11 Finish/Sample Time: 12:41

Well Depth (Bottom) From MP: 82.95 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 39.30 ft Total Purge Volume: 1750 mL

Water Column Length: 43.65 ft

Well Water Volume: 26.43 L Total Drawdown: 0.31 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	12:26	39.61	150	6.87	1710	20.45	-18	1.43	>1000
2	12:28	39.61	150	6.81	1720	19.90	-15	0.90	>1000
3	12:30	39.61	150	6.79	1740	19.53	-14	0.81	>1000
4	12:32	39.61	150	6.78	1740	19.47	-14	0.77	>1000
5	12:34	39.61	150	6.78	1730	19.50	-14	0.76	>1000
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☒ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P, 4000mL) <u>500mL</u>
	TOC (A,V, 40mL, H2SO4)

Final DTW: 39.61 ft

Comments

Sampler's Signature:

[Signature]

WELL/SAMPLE POINT **OM24D**

Purge Method: Dedicated Peristaltic Tubing

Date: 07/14/25 Start Time: 11:40 Finish/Sample Time: 12:07

Well Depth (Bottom) From MP: 20.14 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 5.51 ft Total Purge Volume: 1900 mL

Water Column Length: 14.63 ft

Well Water Volume: 8.86 L Total Drawdown: 0.04 ft

ASW 07/14/25

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	11:50	5.55	150	6.97	2740	19.39	-66	5.57	148
2	11:52	5.55	150	6.89	2730	18.73	-75	3.06	120
3	11:54	5.55	150	6.84	2650	20.59	-77	3.01	44.2
4	11:56	5.55	150	6.82	2630	20.59	-76	1.63	41.2
5	11:58	5.55	150	6.81	2650	20.60	-75	1.71	39.9
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☒ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P,250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

(2)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P, 1000mL) 500mL
	TOC (A,V, 40mL, H2SO4)

Final DTW: 5.55 ft

Comments

Sampler's Signature: [Signature]

Duck Creek

WELL/SAMPLE POINT OM24D (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	12:00	5.55	150	6.81	2640	20.57	-74	1.77	40.5
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

Ashley L. Lutska

WELL/SAMPLE POINT **OM25S**

Purge Method: **Portable Pump/Dedicated Tubing**

Date: **07/14/25** Start Time: **11:00** Finish/Sample Time: **11:30**

Well Depth (Bottom) From MP: **64.03** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **58.45** ft Total Purge Volume: **2200** mL

Water Column Length: **5.58** ft

Well Water Volume: **3.38** L Total Drawdown: **1.15** ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	11:16	59.55	150	6.69	3570	19.50	-9	1.16	>1000
2	11:18	59.55	150	6.66	3530	19.66	-10	1.07	>1000
3	11:20	59.55	150	6.64	3390	19.88	-3	1.06	>1000
4	11:22	59.55	150	6.62	3460	19.41	7	0.90	>1000
5	11:24	59.55	150	6.62	3520	19.03	10	0.84	>1000
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **Horiba**

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☐ Slight ☒ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☐ Mod ☒ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P, 1000mL) 500mL
	TOC (A,V, 40mL, H2SO4)

Final DTW: **59.60** ft

Comments

Sampler's Signature: **[Signature]**

WELL/SAMPLE POINT **OM25S (Cont.)**

3590 ASW 07/14/25

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	11:26	59.55	150	6.61	18.12	18.12	15	0.71	>1000
7	11:28	59.55	150	6.61	3600	18.12	17	0.70	>1000
8	11:30	59.55	150	6.61	3620	18.05	18	0.69	>1000
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

Andy Webster

Duck Creek

WELL/SAMPLE POINT OR02

Purge Method: Dedicated Peristaltic Tubing

Date: 07/09/25 Start Time: 10:50 Finish/Sample Time: 11:30

Well Depth (Bottom) From MP: 22.52 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 7.64 ft Total Purge Volume: 2800 mL

Water Column Length: 14.88 ft

Well Water Volume: 9.01 L Total Drawdown: 0.08 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	11:00	7.72	100	6.63	1800	22.60	-43	2.46	710.00
2	11:03	7.72	100	6.60	1840	22.16	-49	2.32	710.00
3	11:06	7.72	100	6.57	1870	22.01	-52	2.24	710.00
4	11:09	7.72	100	6.55	1870	21.79	-55	2.14	710.00
5	11:12	7.72	100	6.54	1860	21.74	-56	2.09	710.00
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

8.3
4.7
5.6
7.1
6.8

Field Meter:

Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☐ Mod ☒ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

2

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P, 1000mL) <u>500mL</u>
	TOC (A, V, 40mL, H2SO4)

Final DTW: 7.72 ft

Comments

Turbidity checked with Horiba
7320 pm

Sampler's Signature: [Signature]

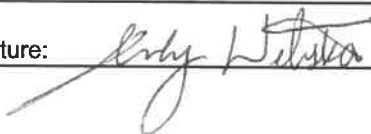
Duck Creek

WELL/SAMPLE POINT OR02 (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	11:15	7.72	100	6.54	1860	21.70	-56	2.06	5.4
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:



Duck Creek

WELL/SAMPLE POINT **OR03D**

Purge Method: **Portable Pump/Dedicated Tubing**

Date: **07/14/25** Start Time: **10:12** Finish/Sample Time: **10:52**

Well Depth (Bottom) From MP: **77.75** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **45.51** ft Total Purge Volume: **2350** mL

Water Column Length: **32.24** ft

Well Water Volume: **19.52** L Total Drawdown: **0.22** ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	10:28	45.73	150	6.81	3840	20.18	32	2.53	>1000
2	10:30	45.73	150	6.64	4440	17.71	20	1.56	>1000
3	10:32	45.73	150	6.60	4850	17.31	8	0.94	>1000
4	10:34	45.73	150	6.56	5270	17.18	3	0.77	>1000
5	10:36	45.73	150	6.54	5470	17.34	0	0.73	>1000
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **Horiba**

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☐ Slight ☒ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☐ Mod ☒ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

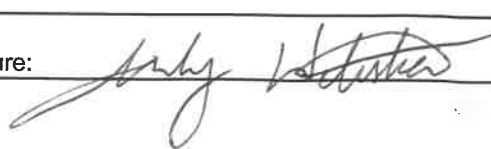
Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P,250 mL, H2SO4)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P, 1000mL) 500mL
	TOC (A,V, 40mL, H2SO4)

(2)

Final DTW: **45.73** ft

Comments

Sampler's Signature: 

Duck Creek

WELL/SAMPLE POINT OR03D (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	10:38	45.73	150	6.54	5550	17.19	-2	0.72	>1000
7	10:40	45.73	150	6.53	5570	16.88	-3	0.69	>1000
8	10:42	45.73	150	6.53	5570	16.92	-4	0.66	>1000
9	10:44	45.73	150	6.52	5570	16.96	-5	0.66	>1000
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:



WELL/SAMPLE POINT **OR04D**

Purge Method: **Portable Pump/Dedicated Tubing**

Date: **07/15/25** Start Time: **9:34** Finish/Sample Time: **10:13**

Well Depth (Bottom) From MP: **68.07** ft

Min. Purge Volume: **1000** mL

Depth to Water From MP: **21.90** ft

Total Purge Volume: **2200** mL

Water Column Length: **46.17** ft

3100

APP 7/11/25

Well Water Volume: **27.96** L

Total Drawdown: **0.05** ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	9:52	21.95	150	6.54	6520	17.21	10	1.74	>1000
2	9:54	21.95	150	6.51	6260	17.44	3	1.14	>1000
3	9:56	21.95	150	6.50	6300	17.09	-3	0.80	>1000
4	9:58	21.95	150	6.50	6220	16.79	-4	0.74	>1000
5	10:00	21.95	150	6.49	6130	16.66	-5	0.75	>1000
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **Horiba**

Sample Appearance:

Odor: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☐ Slight ☒ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☐ Mod ☒ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P, 1000mL 500mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: **21.95** ft

Comments **Equipment blank #2 filled here.**

Sampler's Signature: **[Signature]**

WELL/SAMPLE POINT **OR04D (Cont.)**

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	10:02	21.95	150	6.48	6110	16.60	-6	0.75	717
7	10:04	21.95	150	6.48	6130	16.57	-7	0.73	662
8	10:06	21.95	150	6.47	6120	16.52	-8	0.69	650
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

Andy Hatcher

WELL/SAMPLE POINT **OR06A**

Purge Method: Dedicated Peristaltic Tubing

Date: 07/10/25 ^{ASW 07/14/25} Start Time: 14:00 Finish/Sample Time: 15:02
07/14/25 14:33

Well Depth (Bottom) From MP: 26.05 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 13.96 ft 14.22 ft Total Purge Volume: 1750 mL

Water Column Length: 11.83 ft

Well Water Volume: 7.16 L Total Drawdown: 0.03 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	14:46	14.25	150	6.79	3110	16.70	13	2.00	14.3
2	14:48	14.25	150	6.79	3140	16.66	4	1.70	12.8
3	14:50	14.25	150	6.79	3130	16.94	-1	1.51	12.2
4	14:52	14.25	150	6.79	3150	16.90	-2	1.50	12.3
5	14:54	14.25	150	6.78	3160	16.78	-3	1.45	11.9
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☐ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

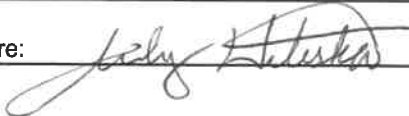
Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P, 250 mL, H2SO4)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P, 1000mL) <u>500mL</u>
	TOC (A,V, 40mL, H2SO4)

(2)

Final DTW: 14.25 ft

Comments

Sampler's Signature: 

WELL/SAMPLE POINT OR11

Purge Method: Dedicated Peristaltic Tubing

Date: 07/10/25 Start Time: 11:40 Finish/Sample Time: 12:30

Well Depth (Bottom) From MP: 40.57 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 31.38 ft Total Purge Volume: 3259 mL

Water Column Length: 9.19 ft

Well Water Volume: 5.57 L Total Drawdown: 0.0 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	12:00	31.38	150	7.38	1260	23.40	-18	4.99	434
2	12:02	31.38	150	7.37	1230	24.02	-9	4.95	347
3	12:04	31.38	150	7.44	1210	24.39	-5	4.88	363
4	12:06	31.38	150	7.41	1210	24.45	-4	4.84	345
5	12:08	31.38	150	7.41	1200	24.47	-5	4.85	330
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☒ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1 + 1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1 + 1	General (P, 4000mL) 500mL
	TOC (A,V, 40mL, H2SO4)

Final DTW: 31.38 ft

Comments Field Dep

Sampler's Signature: [Signature]

For Andrew Weterka

Duck Creek

WELL/SAMPLE POINT OR13D

Purge Method: Dedicated Peristaltic Tubing

Date: 7-16-25 Start Time: 1437 Finish/Sample Time: 1503

Well Depth (Bottom) From MP: 50.17 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 14.13 ft Total Purge Volume: 2300 mL

Water Column Length: 36.04 ft

Well Water Volume: 21.83 L Total Drawdown: .07 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	1448	14.18	150	6.70	445	19.74	-66	0	9.9
2	1450	14.19	150	6.68	445	19.80	-64	0	10.7
3	1452	14.19	150	6.67	445	19.84	-62	0	11.8
4	1454	14.19	150	6.66	443	19.90	-60	0	11.5
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: HORIBA

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

②

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P, 1000mL) 500
	TOC (A,V, 40mL, H2SO4)

Final DTW: 14.20 ft

Comments

Sampler's Signature: [Signature]

WELL/SAMPLE POINT **OR13S**

Purge Method: **Dedicated Peristaltic Tubing**

Date: 07/14/25 Start Time: 14:40 Finish/Sample Time: 15:10

Well Depth (Bottom) From MP: 29.53 ft

Min. Purge Volume: 1000 mL

Depth to Water From MP: 14.20 ft

Total Purge Volume: ~~4100~~ 3400 mL ^{AJW} 07/16/25

Water Column Length: 15.33 ft

Well Water Volume: 9.28 L

Total Drawdown: 0.01 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	14:48	14.21	150	6.79	1870	17.85	24	0.95	39.6
2	14:50	14.21	150	6.75	1870	17.80	18	0.90	38.2
3	14:52	14.21	150	6.74	1910	17.78	10	0.85	27.6
4	14:54	14.21	150	6.72	1970	17.46	2	0.85	21.0
5	14:56	14.21	150	6.70	2000	17.36	-10	0.90	19.7
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Hanna

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L HNO3)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P, 1000mL) <u>500mL</u>
	TOC (A,V, 40mL, H2SO4)

Final DTW: 14.21 ft

Comments

Sampler's Signature: [Signature]

WELL/SAMPLE POINT OR13S (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	14:58	14.21	150	6.68	2120	17.14	-18	0.84	14.3
7	15:00	14.21	150	6.68	2140	17.10	-20	0.82	14.9
8	15:02	14.21	150	6.68	2150	17.07	-21	0.80	15.2
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature: _____

Alex Welska

WELL/SAMPLE POINT **OR14D**

Purge Method: **Dedicated Peristaltic Tubing**

Date: **07/15/25** Start Time: **1313** Finish/Sample Time: **1348**

Well Depth (Bottom) From MP: **48.73** ft

Min. Purge Volume: **1000** mL

Depth to Water From MP: **11.40** ft

Total Purge Volume: **2400** mL

Water Column Length: **37.33** ft

3100 App 7/17/25

Well Water Volume: **22.60** L

Total Drawdown: **0.5** ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	1325	11.58	100	7.17	1430	32.14	-131	1.53	0.0
2	1328	11.60	100	7.10	1410	31.30	-137	0.43	10.40
3	1331	11.65	100	6.80	1600	30.35	-120	0.23	73.20
4	1334	11.69	100	6.71	1650	29.99	-113	0.20	85.90
5	1337	11.74	100	6.64	1730	29.48	-105	0.17	90.20
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **HORIBA**

Sample Appearance:

Odor: ☐ None ☐ Slight ☒ Mod. ☐ Strong

Color: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

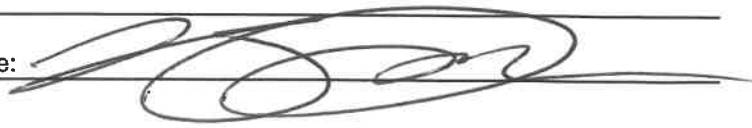
BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P, 1000mL) 500
	TOC (A,V, 40mL, H2SO4)

Final DTW: **11.90** ft

Comments

Sampler's Signature: 

WELL/SAMPLE POINT **OR14D (Cont.)**

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	1340	11.77	100	6.60	1770	29.11	-100	0.13	90.90
7	1343	11.81	100	6.58	1780	29.05	-98	0.11	90.80
8	1346	11.85	100	6.56	1800	29.09	-96	0.10	90.70
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:



Duck Creek

WELL/SAMPLE POINT OR19

Purge Method: Dedicated Peristaltic Tubing

Date: 7/16/2025 Start Time: 1223 Finish/Sample Time: 1300

Well Depth (Bottom) From MP: 54.92 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 22.54 ft Total Purge Volume: 1600 mL

Water Column Length: 32.38 ft

Well Water Volume: 19.61 L Total Drawdown: 0.09 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	1245	22.63	300	6.52	624	15.69	-78	0	2.2
2	1248	22.63	300	6.50	621	15.60	-76	0	2.4
3	1251	22.63	300	6.50	632	15.57	-76	0	2.1
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

HORIBA

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

4
2+2

Filtered	
Qty	Bottles
1+1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1+1	General (P,1000mL)
	TOC (A,V, 40mL, H2SO4)

Final DTW: 22.63 ft

Comments

Sampler's Signature: ZAR

Duck Creek

WELL/SAMPLE POINT OR20

Purge Method: Dedicated Peristaltic Tubing

Date: 07/14/25 Start Time: 13:50 Finish/Sample Time: 14:30

Well Depth (Bottom) From MP: 57.34 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 21.83 ft Total Purge Volume: 2350 mL

Water Column Length: 35.51 ft

Well Water Volume: 21.50 L Total Drawdown: 0.07 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	14:06	21.90	150	7.03	2330	19.45	-15	2.14	125
2	14:08	21.90	150	6.93	2390	18.55	-30	1.02	104
3	14:10	21.90	150	6.87	2400	18.38	-35	0.75	59.1
4	14:12	21.90	150	6.85	2420	18.20	-38	0.68	41.4
5	14:14	21.90	150	6.83	2430	18.23	-38	0.58	31.6
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 500mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P, 1000 mL)
	Ammonia (P, 250mL, H2SO4)
	Rad (P, 2.5L, HNO3)

(2)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P, 1000mL) <u>500mL</u>
	TOC (A,V, 40mL, H2SO4)

Final DTW: 21.90 ft

Comments

Sampler's Signature: [Signature]

Duck Creek

WELL/SAMPLE POINT OR20 (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	14:16	21.90	150	6.81	2440	18.13	-33	0.48	35.1
7	14:18	21.90	150	6.81	2440	18.01	-32	0.47	38.2
8	14:20	21.90	150	6.81	2430	18.10	-32	0.49	39.1
9	14:22	21.90	150	6.81	2430	18.08	-32	0.48	40.2
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

[Handwritten Signature]

WELL/SAMPLE POINT **P36L**

Purge Method: Dedicated Bladder

Date: 07/15/25
~~07/14/25~~ Start Time: 12:25

Finish/Sample Time: 13:01 14:02

ASW 07/15/25

Well Depth (Bottom) From MP: 18.10 ft

Min. Purge Volume: 1000 mL

Depth to Water From MP: 12.92 ft

Total Purge Volume: 1750 mL

Water Column Length: 5.18 ft

2200 App 7/17/25

Well Water Volume: 3.14 L

Total Drawdown: 0.39 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	12:36	13.10	150	7.12	615	18.16	204	1.14	115
2	12:38	13.15	150	7.09	616	18.29	200	0.89	108
3	12:40	13.15	150	7.07	617	18.30	196	0.71	101
4	12:42	13.15	150	7.06	618	18.35	190	0.66	97.5
5	12:44	13.15	150	7.06	619	18.32	189	0.64	93.1
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1 + 1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

07/15/25
ASW
07/14/25
3
3+3

Filtered	
Qty	Bottles
1 + 1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1 + 1	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 12.31 13.50 ft

Comments Wasp nest. P37L Dup moved to P36L due to P37L being dry.

Sampler's Signature: Andy Whitaker

WELL/SAMPLE POINT **P37L**

Purge Method: Dedicated Bladder

Date: 07/15/25 Start Time: 13:05 Finish/Sample Time: 13:07

Well Depth (Bottom) From MP: 20.40 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 20.40 ft Total Purge Volume: mL

Water Column Length: ft

Well Water Volume: L Total Drawdown: ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1									
2									
3									
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

Sample Appearance:

Odor: ☐ None ☐ Slight ☐ Mod. ☐ Strong

Color ☐ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: ft

Comments Unable to collect samples, well dry.

Sampler's Signature:

Duck Creek

WELL/SAMPLE POINT P60

Purge Method: Dedicated Peristaltic Tubing

Date: 7-10-25 Start Time: 1110 Finish/Sample Time: 1437

Well Depth (Bottom) From MP: 37.37 ft

Min. Purge Volume: 1000 mL

Depth to Water From MP: 27.72 ft

Total Purge Volume: 7600 mL

Water Column Length: 9.65 ft

Well Water Volume: 5.84 L

Total Drawdown: 4.52 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		(ft.)	(mL/min)	(s.u.)	(umhos/cm)	(deg C)	(mV)	(mg/L)	(NTU)
1	1135	30.00	100	6.38	970	18.39	13	4.41	0
2	1138	30.47	100	6.43	973	19.04	16	5.15	0
3	1141	30.92	100	6.46	970	19.70	18	5.37	0
4	1144	31.12	100	6.47	968	20.09	20	5.70	0
5	1147	31.45	100	6.48	966	20.52	23	5.90	0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: HORIBA

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☐ None ☒ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
1	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 32.85 ft

Comments

Sampler's Signature: [Signature]

Duck Creek

WELL/SAMPLE POINT P60 (Cont.)

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
6	1151	31.60	100	6.48	966	20.78	25	6.46	0
7	1154	31.85	100	6.49	1050	21.55	26	6.87	0
8	1157	32.13	100	6.51	1060	22.53	25	6.25	0
9	1200	32.21	100	6.51	1060	22.84	24	5.97	0
10	1203	32.23	100	6.52	1060	22.93	23	6.17	0
11	1206	32.30	100	6.53	1060	23.46	21	6.50	0
12	1209	32.45	100	6.55	1070	24.41	15	5.95	0
13	1212	32.45	100	6.56	1080	24.88	11	7.17	0
14	1215	32.45	100	6.57	1080	25.08	8	7.99	0
15	1218	32.47	100	6.57	1080	25.44	5	7.95	0
16	1221	32.52	100	6.56	1090	25.72	-2	7.88	0
17	1224	32.55	100	6.57	1090	26.10	-5	7.80	0
18	1227	32.58	100	6.58	1090	26.73	-6	7.73	0
19	1230	32.60	100	6.59	1100	27.01	-7	7.70	0
20	1233	32.61	100	6.60	1100	27.18	-7	7.68	0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature: 

WELL/SAMPLE POINT **R13L**

Purge Method: **Dedicated Peristaltic Tubing**

Date: **7-15-25** Start Time: **1110** Finish/Sample Time: **1209**

Well Depth (Bottom) From MP: **29.88** ft Min. Purge Volume: **1000** mL

Depth to Water From MP: **22.94** ft Total Purge Volume: **2600** mL

Water Column Length: **7.84** ft

Well Water Volume: **4.75** L Total Drawdown: **.93** ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	1147	22.83	100	6.7	588	15.71	184	5.98	0
2	1150	22.90	100	6.64	588	15.80	185	5.79	0
3	1153	22.95	100	6.75	587	15.81	177	5.85	0
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: **HORIBA**

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

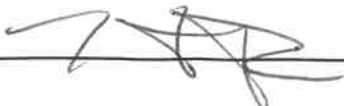
BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **22.97** ft

Comments

Sampler's Signature: 

WELL/SAMPLE POINT R61L

Purge Method: Dedicated Peristaltic Tubing

Date: 7-9-25 Start Time: 1502 Finish/Sample Time: 1541

Well Depth (Bottom) From MP: 31.49 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: ~~28.65~~ 23.70 ft Total Purge Volume: ~~1900~~ mL

Water Column Length: 7.79 ft

Well Water Volume: 4.72 L Total Drawdown: 3.89 ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1512	24.80	200	6.78	938	15.94	211	.38	0
2	1515	25.59	200	6.80	948	15.72	212	.19	0
3	1518	25.78	200	6.81	942	15.79	212	.14	0
4	1521	26.14	200	6.79	945	15.76	212	.12	0
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: HORIBA/OAKTON

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	X	
Casing locked/secure	X	
Well cap fits securely.	X	
Good seal/drainage	X	
Well has weep holes	X	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
1	Rad (P, 2.5L, HNO3)

4

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
1	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 27.59 ft

Comments PH done w/ OAKTON

Sampler's Signature: [Signature]

WELL/SAMPLE POINT **R72S**

Purge Method: **Dedicated Peristaltic Tubing**

Date: **07/14/25** Start Time: **0943** Finish/Sample Time: **1024**

Well Depth (Bottom) From MP: **7.46-25** **37.72** ft Min. Purge Volume: **1050** mL

Depth to Water From MP: **30.98** ft Total Purge Volume: **2000** mL

Water Column Length: **6.74** ft

Well Water Volume: **4.08** L Total Drawdown: **1.66** ft

Reading (Units)	Time	Depth (ft.)	Flow Rate (mL/min)	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1	1011	31.87	300	6.58	11400	20.25	102	0	96.6
2	1012	31.92	300	6.54	11400	20.29	106	0	95.2
3	1013	31.97	300	6.52	11400	20.31	108	0	94.1
4									
5									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

HORIBA

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
1	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: **32.64** ft

Comments

UNABLE TO DRAW WATER FROM WELL. APP 7/18/25

Sampler's Signature:



WELL/SAMPLE POINT **T43L**

Purge Method: Dedicated Bladder

Date: 07/14/25 Start Time: 11:20 Finish/Sample Time: 12:18

ATW 07/15/25

Well Depth (Bottom) From MP: 20.40 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 8.69 ft Total Purge Volume: 2500 mL

Water Column Length: 11.71 ft

Well Water Volume: 7.09 L Total Drawdown: 0.41 ft

APP 7/17/25

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	11:42	8.92	150	16.98	810	16.67	159	0.90	121
2	11:44	8.85	150	16.91	827	16.65	131	0.51	87.7
3	11:46	9.01	150	16.90	831	15.98	121	0.39	83.1
4	11:48	8.93	150	16.88	827	15.94	109	0.34	73.3
5	11:50	8.95	150	16.86	826	16.01	102	0.30	65.7
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horiva

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☒ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

(3)

Final DTW: 9.10 ft

Comments

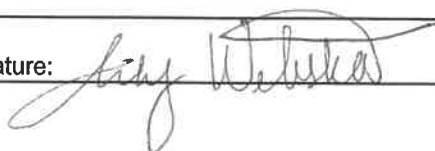
Sampler's Signature: [Signature]

WELL/SAMPLE POINT T43L (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	11:52	8.95	150	6.86	826	16.05	100	0.27	60.6
7	11:54	8.95	150	6.85	825	16.38	100	0.25	52.7
8	11:56	8.95	150	6.85	825	16.57	101	0.24	43.8
9	11:58	8.95	150	6.85	829	16.56	103	0.23	42.1
10	12:00	8.95	150	6.86	825	16.59	102	0.24	40.4
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:



WELL/SAMPLE POINT T44L

Purge Method: Dedicated Bladder

Date: 07/03/25 Start Time: 12:03 Finish/Sample Time: 13:10

Well Depth (Bottom) From MP: 22.65 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 12.05 ft Total Purge Volume: 1900 mL

Water Column Length: 10.60 ft

Well Water Volume: 6.42 L Total Drawdown: 0.25 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	12:14	12.23	150	6.93	779	16.78	217	2.77	0.0
2	12:17	12.23	150	6.83	791	15.55	221	1.34	0.0
3	12:20	12.23	150	6.81	795	15.34	220	0.84	0.0
4	12:23	12.23	150	6.78	799	15.18	220	0.73	0.0
5	12:26	12.23	150	6.78	799	15.14	220	0.71	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horioba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	☐
Casing locked/secure	☒	☐
Well cap fits securely.	☒	☐
Good seal/drainage	☒	☐
Well has weep holes	☒	☐

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAS (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1 + 1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
1 + 1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1 + 1	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

3+3

Final DTW: 12.30 ft

Comments Field dup

Sampler's Signature: [Signature]

Duck Creek

WELL/SAMPLE POINT T44L (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	12:29	12.23	150	6.74	777	15.10	222	0.68	0.0
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:



Duck Creek

WELL/SAMPLE POINT T45L

Purge Method: Dedicated Bladder

Date: 07/03/25 Start Time: 10:52 Finish/Sample Time: 11:33

Well Depth (Bottom) From MP: 15.35 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 9.92 ft Total Purge Volume: 4150 mL

Water Column Length: 5.43 ft

Well Water Volume: 3.29 L Total Drawdown: 0.43 ft

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
1	11:04	10.25	150	6.97	715	16.08	217	2.44	0.0
2	11:07	10.31	150	6.85	720	15.33	219	1.21	0.0
3	11:10	10.36	150	6.78	730	15.13	221	0.95	0.0
4	11:13	10.35	150	6.71	726	15.01	222	0.75	0.0
5	11:16	10.35	150	6.69	224	14.9	226	0.65	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	ASW 07/03/25 ± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Horiba

724

Sample Appearance:

ASW
07/03/25

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
<u>1</u>	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
<u>1</u>	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
<u>1</u>	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

3

Final DTW: 10.35 ft

Comments

Sampler's Signature:

[Signature]

Duck Creek

WELL/SAMPLE POINT T45L (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	11:19	10.34	150	6.63	726	14.92	226	0.53	0.0
7	11:22	10.36	150	6.62	729	14.91	222	0.52	0.0
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

Aly Watson

WELL/SAMPLE POINT T46L

Purge Method: Dedicated Bladder

Date: 07/03/25 Start Time: 9:49 Finish/Sample Time: 10:32

Well Depth (Bottom) From MP: 14.70 ft Min. Purge Volume: 1000 mL

Depth to Water From MP: 8.49 ft Total Purge Volume: 3700 mL

Water Column Length: 6.21 ft

Well Water Volume: 3.76 L Total Drawdown: 0.62 ft

Reading	Time	Depth	Flow Rate	pH	Spec Cond	Temp	ORP	DO	Turb
(Units)		ft.	mL/min	s.u.	umhos/cm	deg C	mV	mg/L	NTU
1	10:01	8.74	150	8.14	710	17.09	171	2.18	0.0
2	10:04	8.74	150	7.52	693	17.41	166	1.30	0.0
3	10:07	8.74	150	7.14	689	17.23	151	0.76	0.0
4	10:10	8.74	150	7.02	687	17.22	137	0.52	0.0
5	10:13	8.74	150	6.94	684	17.14	129	0.44	0.0
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter: Horiba

Sample Appearance:

Odor: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Color: ☒ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☒ None ☐ Slight ☐ Mod ☐ Strong

Well Integrity	Yes	No
Well has ID sign	☒	
Casing locked/secure	☒	
Well cap fits securely.	☒	
Good seal/drainage	☒	
Well has weep holes	☒	

BOTTLE INFORMATION:

Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAs (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

3

Filtered	
Qty	Bottles
1	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
1	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Final DTW: 9.11 ft

Comments

Sampler's Signature: Andy Hester

WELL/SAMPLE POINT T46L (Cont.)

Reading (Units)	Time	Depth ft.	Flow Rate mL/min	pH s.u.	Spec Cond umhos/cm	Temp deg C	ORP mV	DO mg/L	Turb NTU
6	10.16	8.74	150	6.93	686	17.12	128	0.40	0.0
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Stabilization	NA	NA	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Comments

Sampler's Signature:

Andy Webster

WELL/SAMPLE POINT **X301 Pump House**

Purge Method:

Bailer

Date:

07/15/25

Start Time:

0900

Finish/Sample Time:

0900

Reading (Units)	Time	pH (s.u.)	Spec Cond (umhos/cm)	Temp (deg C)	ORP (mV)	DO (mg/L)	Turb (NTU)
1							
Stabilization	NA	± 0.1	± 3%	± 0.1	± 10	± 10% or 0.2	10% if >10

Field Meter:

Sample Appearance:

Odor: ☐ None ☐ Slight ☐ Mod. ☐ Strong

Color ☐ None ☐ Slight ☐ Mod. ☐ Strong

Turb: ☐ None ☐ Slight ☐ Mod ☐ Strong

BOTTLE INFORMATION:

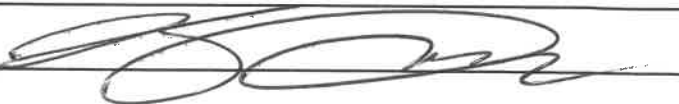
Unfiltered	
Qty	Bottles
	VOAs (C,V, 40mL, HCL)
	VOAS (C,V, 40mL)
	Organics (A,G,U 1000mL)
	Organics (A,G,U 500mL)
	TOC (A,V 40mL, H2SO4)
	TOX (A,G 250mL, H2SO4)
	Metals (P,250mL, HNO3)
	Cyanide (P, 250mL, NaOH)
	Phenols (A,G,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	Rad (P, 2.5L, HNO3)

Filtered	
Qty	Bottles
	Metals (P,250mL, HNO3)
	Ammonia (P,250mL, H2SO4)
	General (P,500mL)
	General (P,1000mL)
	TOC (A,V 40mL, H2SO4)

Comments

DRY UNABLE TO SAMPLE.

Sampler's Signature:



Multiparameter Meter Field Calibration Checklist									
Field Personnel: <i>Austin Moore, Jordan B.</i>				Location: <i>Duck Creek</i>					
Weather: <i>79°F, 2mph wind, Sunny</i>				Environment: <i>Tall Grass</i>					
Multiparameter Water Meter		Make: <i>Horiba</i>	Model: <i>U-5000</i>	Serial Number: <i>V7380PKK</i>					
Water Level Meter		Make: <i>Heron</i>	Model: <i>Dipper T</i>	Serial Number: <i>19FF 2202131ML</i>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<i>4.18</i>	s.u.	±0.1 s.u.	<i>F</i>	<i>Yes</i>	<i>4.00</i>	MSI	024140-01	5/21/2026
pH 7.00a	<i>6.96</i>	s.u.	±0.1 s.u.	<i>P</i>	<i>No</i>	<i>N/A</i>	MSI	024145-01	5/29/2026
pH 10.00a	<i>10.17</i>	s.u.	±0.1 s.u.	<i>F</i>	<i>Yes</i>	<i>10.00</i>	MSI	024072-02	3/21/2026
SC Zero (DI)	<i>0.00</i>	µS/cm	0<25 µS/cm	<i>P</i>	<i>Yes No</i>	<i>N/A</i>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<i>1970</i>	µS/cm	±5%	<i>P</i>	<i>No</i>	<i>N/A</i>	Proactive	4GJ1615	Oct-25
ORP	<i>234</i>	mV	±15 mV	<i>P</i>	<i>No</i>	<i>N/A</i>	In-Situ	4GJ0045	Jul-25
DO (Zero pt)	<i>0.00</i>	mg/L	±0.1	<i>P</i>	<i>No</i>	<i>N/A</i>	Macron	#000228049	8/26/2025
DO (Saturated)	<i>100%</i>	%	97-100%	<i>P</i>	<i>No</i>	<i>N/A</i>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<i>0.00</i>	NTU	<2 NTU	<i>P</i>	<i>No</i>	<i>N/A</i>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
ICV (Initial Calibration Verification)				Time: <i>0915</i>					
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?		Manufacturer	Lot#	Exp.
pH 4.00b	<i>3.98</i>	s.u.	±0.15 s.u.	<i>P</i>	<i>None</i>		Proactive	5GD0333	Apr-27
pH 7.00b	<i>6.78</i>	s.u.	±0.15 s.u.	<i>F</i>	<i>Calibrated: 7.00</i>		Proactive	5GC1678	Mar-27
pH 10.00b	<i>9.99</i>	s.u.	±0.15 s.u.	<i>P</i>	<i>None</i>		Proactive	5GC1614	Mar-27
SC 1000	<i>1000</i>	µS/cm	±5%	<i>P</i>	<i>None</i>		Reagents	8405243	Jun-26
Approx. every 8 hrs, unless only one well									
CCV (Continued Calibration Verification):				Time: <i>1620</i>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<i>4.08</i>	s.u.	±0.1 s.u.	<i>P</i>	<i>N</i>	<i>N/A</i>	MSI	024140-01	5/21/2026
pH 7.00a	<i>6.97</i>	s.u.	±0.1 s.u.	<i>I</i>	<i>I</i>	<i>I</i>	MSI	024145-01	5/29/2026
pH 10.00a	<i>10.05</i>	s.u.	±0.1 s.u.	<i>I</i>	<i>I</i>	<i>I</i>	MSI	024072-02	3/21/2026
SC 1000	<i>1010</i>	µS/cm	±5%	<i>I</i>	<i>I</i>	<i>I</i>	Reagents	8405243	Jun-26
DO (Zero pt)	<i>0.00</i>	mg/L	±0.1 mg/L	<i>I</i>	<i>I</i>	<i>I</i>	Macron	#000228049	8/26/2025
Turbidity (DI)	<i>0.00</i>	NTU	<2 NTU	<i>I</i>	<i>I</i>	<i>I</i>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
Comments:									
Signature: <i>[Signature]</i>				Date: <i>7-3-25</i>					

Multiparameter Meter Field Calibration Checklist									
Field Personnel: <u>ASW</u>			Location: <u>Duck Creek</u>						
Weather: <u>Sunny 77-89° 2 mph Wind S</u>			Environment: <u>grassy, overgrown</u>						
Multiparameter Water Meter		Make: <u>Hanna</u>	Model: <u>U-5000</u>	Serial Number: <u>WUG 83C85</u>					
Water Level Meter		Make: <u>Heron</u>	Model: <u>Dipos-T</u>	Serial Number: <u>3717-T</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.72</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>yes</u>	<u>3.99</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.75</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>yes</u>	<u>7.03</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.07</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NO</u>	<u>N/A</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>0.0</u>	µS/cm	0<25 µS/cm	<u>P</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>1670</u>	µS/cm	±5%	<u>F</u>	<u>yes</u>	<u>2000</u>	Proactive	4GJ1615	Oct-25
ORP	<u>245</u>	mV	±15 mV	<u>P</u>	<u>NO</u>	<u>N/A</u>	In-Situ	4GJ0045	Jul-25
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1	<u>P</u>	<u>NO</u>	<u>N/A</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>98.2</u>	%	97-100%	<u>P</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
ICV (Initial Calibration Verification)					Time: <u>9:10</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>3.89</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NO</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>7.11</u>	s.u.	±0.15 s.u.	<u>F</u>	<u>yes / 7.00</u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>10.23</u>	s.u.	±0.15 s.u.	<u>F</u>	<u>yes / 10.00</u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>820</u>	µS/cm	±5%	<u>F</u>	<u>yes / 1000</u>	Reagents	8405243	Jun-26	
Approx. every 8 hrs, unless only one well									
CCV (Continued Calibration Verification):					Time: <u>15:30</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.04</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NO</u>	<u>N/A</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.97</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NO</u>	<u>N/A</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.02</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NO</u>	<u>N/A</u>	MSI	024072-02	3/21/2026
SC 1000	<u>1010</u>	µS/cm	±5%	<u>P</u>	<u>NO</u>	<u>N/A</u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1 mg/L	<u>P</u>	<u>NO</u>	<u>N/A</u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
Comments:									
Signature: <u>Andy Wetska</u>					Date: <u>07/03/25</u>				

Multiparameter Meter Field Calibration Checklist

Field Personnel: <u>AJW</u>				Location: <u>Duck Creek</u>					
Weather: <u>Sunny 75°-87° Slight Wind NE</u>				Environment: <u>grassy, overgrown</u>					
Multiparameter Water Meter		Make: <u>Horiba</u>	Model: <u>U-5000</u>	Serial Number: <u>WUG83C85</u>					
Water Level Meter		Make: <u>Heson</u>	Model: <u>Dipper-T</u>	Serial Number: <u>3717-T</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.18</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>yes</u>	<u>3.99</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.94</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>no</u>	<u>N/A</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.11</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>yes</u>	<u>10.01</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>0.0</u>	µS/cm	0<25 µS/cm	<u>P</u>	<u>no</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>1050</u>	µS/cm	±5%	<u>F</u>	<u>yes</u>	<u>2000</u>	Proactive	4GJ1615	Oct-25
ORP	<u>245</u>	mV	±15 mV	<u>P</u>	<u>no</u>	<u>N/A</u>	In-Situ	4GJ0045	Jul-25
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1	<u>P</u>	<u>no</u>	<u>N/A</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>98.7</u>	%	97-100%	<u>P</u>	<u>no</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>no</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification)					Time: <u>9:30</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>3.82</u>	s.u.	±0.15 s.u.	<u>F</u>	<u>yes / 4.00</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>7.02</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>no</u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>10.09</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>no</u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>1150</u>	µS/cm	±5%	<u>F</u>	<u>yes / 999</u>	Reagents	8405243	Jun-26	

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification):					Time: <u>11:00</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.06</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>no</u>	<u>N/A</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.97</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>no</u>	<u>N/A</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.08</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>no</u>	<u>N/A</u>	MSI	024072-02	3/21/2026
SC 1000	<u>1030</u>	µS/cm	±5%	<u>P</u>	<u>no</u>	<u>N/A</u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1 mg/L	<u>P</u>	<u>no</u>	<u>N/A</u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>no</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: <u>[Signature]</u>	Date: <u>07/07/25</u>
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Multiparameter Meter Field Calibration Checklist									
Field Personnel: <i>Jordan Bohannon</i>				Location: <i>Duck Creek</i>					
Weather: <i>75°F, Sunny, 5mph wind</i>				Environment: <i>Grassy, Overgrown</i>					
Multiparameter Water Meter		Make: <i>Horiba</i>	Model: <i>U-5000</i>	Serial Number: <i>3T85NNNF</i>					
Water Level Meter		Make: <i>Solinst</i>	Model: <i>101</i>	Serial Number: <i>P7/LM2/200ft</i>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<i>3.89</i>	s.u.	±0.1 s.u.	<i>F</i>	<i>Yes</i>	<i>4.00</i>	MSI	024140-01	5/21/2026
pH 7.00a	<i>7.24</i>	s.u.	±0.1 s.u.	<i>F</i>	<i>Yes</i>	<i>7.00</i>	MSI	024145-01	5/29/2026
pH 10.00a	<i>10.56</i>	s.u.	±0.1 s.u.	<i>F</i>	<i>Yes</i>	<i>10.00</i>	MSI	024072-02	3/21/2026
SC Zero (DI)	<i>0.00</i>	µS/cm	0<25 µS/cm	<i>P</i>	<i>No</i>	<i>N/A</i>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<i>1990</i>	µS/cm	±5%	<i>P</i>	<i>No</i>	<i>N/A</i>	Proactive	4GJ1615	Oct-25
ORP	<i>228</i>	mV	±15 mV	<i>I</i>	<i>I</i>	<i>I</i>	In-Situ	4GJ0045	Jul-25
DO (Zero pt)	<i>0.00</i>	mg/L	±0.1	<i>I</i>	<i>I</i>	<i>I</i>	Macron	#000228049	8/26/2025
DO (Saturated)	<i>100%</i>	%	97-100%	<i>I</i>	<i>I</i>	<i>I</i>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<i>0.00</i>	NTU	<2 NTU	<i>I</i>	<i>I</i>	<i>I</i>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
ICV (Initial Calibration Verification)				Time: <i>0928</i>					
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<i>3.99</i>	s.u.	±0.15 s.u.	<i>P</i>	<i>None</i>	Proactive	5GD0333	Apr-27	
pH 7.00b	<i>6.84</i>	s.u.	±0.15 s.u.	<i>F</i>	<i>Calibrated : 7.00</i>	Proactive	5GC1678	Mar-27	
pH 10.00b	<i>10.04</i>	s.u.	±0.15 s.u.	<i>P</i>	<i>None</i>	Proactive	5GC1614	Mar-27	
SC 1000	<i>1020</i>	µS/cm	±5%	<i>P</i>	<i>None</i>	Reagents	8405243	Jun-26	
Approx. every 8 hrs, unless only one well									
CCV (Continued Calibration Verification):				Time: <i>01520</i>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<i>4.02</i>	s.u.	±0.1 s.u.	<i>P</i>	<i>N/A</i>	<i>N/A</i>	MSI	024140-01	5/21/2026
pH 7.00a	<i>7.01</i>	s.u.	±0.1 s.u.	<i>I</i>	<i>I</i>	<i>I</i>	MSI	024145-01	5/29/2026
pH 10.00a	<i>9.98</i>	s.u.	±0.1 s.u.	<i>I</i>	<i>I</i>	<i>I</i>	MSI	024072-02	3/21/2026
SC 1000	<i>1003</i>	µS/cm	±5%	<i>I</i>	<i>I</i>	<i>I</i>	Reagents	8405243	Jun-26
DO (Zero pt)	<i>0.00</i>	mg/L	±0.1 mg/L	<i>I</i>	<i>I</i>	<i>I</i>	Macron	#000228049	8/26/2025
Turbidity (DI)	<i>0.00</i>	NTU	<2 NTU	<i>I</i>	<i>I</i>	<i>I</i>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
Comments:									
Signature: <i>J Bohannon</i>				Date: <i>7/7/2025</i>					

Multiparameter Meter Field Calibration Checklist									
Field Personnel: <u>HALEB DESKE</u>				Location: <u>DUCK CREEK</u>					
Weather: <u>76° Sunny 5 mph SW</u>				Environment: <u>GRASS</u>					
Multiparameter Water Meter		Make: <u>HORIBA</u>	Model: <u>U5000</u>	Serial Number: <u>AGJTK4XC</u>					
Water Level Meter		Make: <u>HERON</u>	Model: <u>WT</u>	Serial Number: <u>19FF211015HB</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.05</u>	s.u.	±0.1 s.u.	<u>Pass</u>	<u>NO</u>	<u>NA</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.98</u>	s.u.	±0.1 s.u.	<u>Pass</u>	<u>NO</u>	<u>NA</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>9.98</u>	s.u.	±0.1 s.u.	<u>Pass</u>	<u>NO</u>	<u>NA</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>2.0</u>	µS/cm	0<25 µS/cm	<u>Pass</u>	<u>NO</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>1400</u>	µS/cm	±5%	<u>FAIL</u>	<u>YES</u>	<u>2000</u>	Proactive	4GJ1615	Oct-25
ORP	<u>231</u>	mV	±15 mV	<u>Pass</u>	<u>NO</u>	<u>NA</u>	In-Situ	4GJ0045	Jul-25
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1	<u>Pass</u>	<u>NO</u>	<u>NA</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>98</u>	%	97-100%	<u>Pass</u>	<u>NO</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>1.13</u>	NTU	<2 NTU	<u>Pass</u>	<u>NO</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
ICV (Initial Calibration Verification)				Time: <u>0945</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>4.01</u>	s.u.	±0.15 s.u.	<u>Pass</u>	<u>NO</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>7.00</u>	s.u.	±0.15 s.u.	<u>Pass</u>	<u>NO</u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>10.03</u>	s.u.	±0.15 s.u.	<u>Pass</u>	<u>NO</u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>1000</u>	µS/cm	±5%	<u>Pass</u>	<u>NO</u>	Reagents	8405243	Jun-26	
Approx. every 8 hrs, unless only one well									
CCV (Continued Calibration Verification):				Time: <u>1523</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.02</u>	s.u.	±0.1 s.u.	<u>Pass</u>	<u>NO</u>	<u>NA</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.98</u>	s.u.	±0.1 s.u.	<u>Pass</u>	<u>NO</u>	<u>NA</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>9.97</u>	s.u.	±0.1 s.u.	<u>Pass</u>	<u>NO</u>	<u>NA</u>	MSI	024072-02	3/21/2026
SC 1000	<u>1000</u>	µS/cm	±5%	<u>Pass</u>	<u>NO</u>	<u>NA</u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>0.03</u>	mg/L	±0.1 mg/L	<u>Pass</u>	<u>NO</u>	<u>NA</u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>1.10</u>	NTU	<2 NTU	<u>Pass</u>	<u>NO</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
Comments:									
Signature: <u>[Signature]</u> Date: <u>07/07/25</u>									

Multiparameter Meter Field Calibration Checklist

Field Personnel: <u>Layan Ross</u>				Location: <u>DUCK CREEK</u>					
Weather: <u>Sunny 67-80 4 mph SW</u>				Environment: <u>Grassland</u>					
Multiparameter Water Meter		Make: <u>Hera</u>	Model: <u>V-Spdp</u>	Serial Number: <u>VL9K J9HA</u>					
Water Level Meter		Make: <u>Hera</u>	Model: <u>Dipper 7</u>	Serial Number: <u>11FF220930SML</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.04</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NA</u>	<u>NA</u>	MSI	023310-01	11/10/2025
pH 7.00a	<u>7.00</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>Y</u>	<u>7.00</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.16</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>Y</u>	<u>10.00</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>44.44</u>	µS/cm	0<25 µS/cm	<u>F</u>	<u>Y</u>	<u>15</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>1150</u>	µS/cm	±5%	<u>F</u>	<u>Y</u>	<u>2000</u>	Proactive	4GJ1615	Oct-25
ORP	<u>226</u>	mV	±15 mV	<u>P</u>	<u>NA</u>	<u>NA</u>	In-Situ	4GJ0045	Jul-25
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1	<u>P</u>	<u>NA</u>	<u>NA</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>99.7</u>	%	97-100%	<u>P</u>	<u>NA</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>NA</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
ICV (Initial Calibration Verification)					Time: <u>1036</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>4.04</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NA</u>	Proactive	3GE1074	May-25	
pH 7.00b	<u>7.53</u>	s.u.	±0.15 s.u.	<u>F</u>	<u>CALIBRATE 7.00</u>	Proactive	3GE1252	May-25	
pH 10.00b	<u>10.55</u>	s.u.	±0.15 s.u.	<u>F</u>	<u>CALIBRATE 10.00</u>	Proactive	3GE0965	May-25	
SC 1000	<u>1370</u>	µS/cm	±5%	<u>F</u>	<u>CALIBRATE 1000</u>	Reagents	8405243	Jun-26	
Approx. every 8 hrs, unless only one well									
CCV (Continued Calibration Verification):					Time: <u>1555</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>7.97</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>Y</u>	<u>4.02</u>	MSI	023310-01	11/10/2025
pH 7.00a	<u>7.32</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>Y</u>	<u>7.00</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>9.92</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NA</u>	<u>NA</u>	MSI	024072-02	3/21/2026
SC 1000	<u>1034</u>	µS/cm	±5%	<u>P</u>	<u>NA</u>	<u>NA</u>	Spectrum	2NA0024	Dec-25
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1 mg/L	<u>P</u>	<u>NA</u>	<u>NA</u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>NA</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
Comments:									
Signature: <u>[Signature]</u>				Date: <u>7-7-25</u>					

Multiparameter Meter Field Calibration Checklist

Field Personnel: <u>Austin Moore</u>				Location: <u>Duck Creek</u>					
Weather: <u>87°-68° drizzle wind 6 mph SW</u>				Environment: <u>Landfill, muddy woods</u>					
Multiparameter Water Meter		Make: <u>Horiba</u>	Model: <u>U-5000</u>	Serial Number: <u>AGJTK4XG</u>					
Water Level Meter		Make: <u>WT</u>	Model: <u>Horiba</u>	Serial Number: <u>19FF220213(ML)</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.20</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>Y</u>	<u>3.98</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>7.03</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>—</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>9.50</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>Y</u>	<u>10.03</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>250</u>	µS/cm	0<25 µS/cm	<u>F</u>	<u>Y</u>	<u>0.00</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>1760</u>	µS/cm	±5%	<u>F</u>	<u>Y</u>	<u>2000</u>	Proactive	4GJ1615	Oct-25
ORP	<u>234</u>	mV	±15 mV	<u>P</u>	<u>N</u>	<u>—</u>	In-Situ	4GJ0045	Jul-25
DO (Zero pt)	<u>0.8</u>	mg/L	±0.1	<u>P</u>	<u>N</u>	<u>—</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>98.9</u>	%	97-100%	<u>P</u>	<u>N</u>	<u>—</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>N</u>	<u>—</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification)					Time: <u>0945</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>4.01</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>N</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>7.13</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>N</u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>10.24</u>	s.u.	±0.15 s.u.	<u>F</u>	<u>Y</u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>1310</u>	µS/cm	±5%	<u>F</u>	<u>Y</u>	Reagents	8405243	Jun-26	

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification):					Time: <u>1541</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.06</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>—</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>7.03</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>—</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.02</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>—</u>	MSI	024072-02	3/21/2026
SC 1000	<u>1010</u>	µS/cm	±5%	<u>P</u>	<u>N</u>	<u>—</u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1 mg/L	<u>P</u>	<u>N</u>	<u>—</u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>N</u>	<u>—</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: <u>AM</u>	Date: <u>8-Jul-25</u>
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Multiparameter Meter Field Calibration Checklist

Field Personnel: <u>AJW</u>				Location: <u>Duck Creek</u>					
Weather: <u>Rainy 75°-82° 7 mph Wind SW</u>				Environment: <u>grassy, wet</u>					
Multiparameter Water Meter		Make: <u>Hanna</u>	Model: <u>U-5000</u>	Serial Number: <u>WUG83C85</u>					
Water Level Meter		Make: <u>Hanna</u>	Model: <u>Dime-T</u>	Serial Number: <u>3717-T</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>3.98</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>No</u>	<u>N/A</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.88</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>Yes</u>	<u>7.00</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.01</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>No</u>	<u>N/A</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>0.0</u>	µS/cm	0<25 µS/cm	<u>P</u>	<u>No</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>1700</u>	µS/cm	±5%	<u>F</u>	<u>Yes</u>	<u>2000</u>	Proactive	4GJ1615	Oct-25
ORP	<u>245</u>	mV	±15 mV	<u>P</u>	<u>No</u>	<u>N/A</u>	In-Situ	4GJ0045	Jul-25
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1	<u>P</u>	<u>No</u>	<u>N/A</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>98.3</u>	%	97-100%	<u>P</u>	<u>No</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>No</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
ICV (Initial Calibration Verification)				Time: <u>9:30</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?		Manufacturer	Lot#	Exp.
pH 4.00b	<u>3.91</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NO</u>		Proactive	5GD0333	Apr-27
pH 7.00b	<u>7.04</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NO</u>		Proactive	5GC1678	Mar-27
pH 10.00b	<u>10.18</u>	s.u.	±0.15 s.u.	<u>F</u>	<u>Yes/10.00</u>		Proactive	5GC1614	Mar-27
SC 1000	<u>1160</u>	µS/cm	±5%	<u>F</u>	<u>Yes/1010</u>		Reagents	8405243	Jun-26
Approx. every 8 hrs, unless only one well									
CCV (Continued Calibration Verification):				Time: <u>16:00</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.02</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>No</u>	<u>N/A</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.94</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>No</u>	<u>N/A</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.02</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>No</u>	<u>N/A</u>	MSI	024072-02	3/21/2026
SC 1000	<u>1020</u>	µS/cm	±5%	<u>P</u>	<u>No</u>	<u>N/A</u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1 mg/L	<u>P</u>	<u>No</u>	<u>N/A</u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>No</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
Comments:									
Signature: <u>07/08/25</u>				Date: <u>July 2025</u>					

Multiparameter Meter Field Calibration Checklist

Field Personnel: <u>Austin Moore</u>				Location: <u>Duck Creek</u>					
Weather: <u>89°-67° sunny wind 4 mph NW</u>				Environment: <u>landfill forest</u>					
Multiparameter Water Meter		Make: <u>Hanna</u>	Model: <u>U-5000</u>	Serial Number: <u>AGJTK4XG</u>					
Water Level Meter		Make: <u>WT</u>	Model: <u>Heron</u>	Serial Number: <u>19FF2202131ML</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.29</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>Y</u>	<u>4.00</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>7.01</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>—</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.02</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>—</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>0.0</u>	µS/cm	0<25 µS/cm	<u>P</u>	<u>N</u>	<u>—</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>2000</u>	µS/cm	±5%	<u>P</u>	<u>N</u>	<u>—</u>	Proactive	4GJ1615	Oct-25
ORP	<u>234</u>	mV	±15 mV	<u>P</u>	<u>N</u>	<u>—</u>	In-Situ	5GC1058	Dec-25
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1	<u>P</u>	<u>N</u>	<u>—</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>98.1</u>	%	97-100%	<u>P</u>	<u>N</u>	<u>—</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>N</u>	<u>—</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification)					Time: <u>11:12</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>4.03</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>N/A</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>6.99</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>N/A</u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>10.02</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>N/A</u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>1000</u>	µS/cm	±5%	<u>P</u>	<u>N/A</u>	Reagents	8405243	Jun-26	

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification):					Time: <u>1543</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.05</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>—</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>7.01</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>—</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>9.98</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>—</u>	MSI	024072-02	3/21/2026
SC 1000	<u>998</u>	µS/cm	±5%	<u>P</u>	<u>N</u>	<u>—</u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1 mg/L	<u>P</u>	<u>N</u>	<u>—</u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>N</u>	<u>—</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: <u>Austin Moore</u>	Date: <u>9-Jul-25</u>
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Multiparameter Meter Field Calibration Checklist									
Field Personnel: <u>ASW</u>				Location: <u>Duck Creek</u>					
Weather: <u>Sunny 76°-87° Sph Wind NW</u>				Environment: <u>grassy, overgrown</u>					
Multiparameter Water Meter		Make: <u>Horiba</u>	Model: <u>U-5000</u>	Serial Number: <u>WU 683C85</u>					
Water Level Meter		Make: <u>Heson</u>	Model: <u>Diver-T</u>	Serial Number: <u>3717-T</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.06</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NO</u>	<u>N/A</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.79</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>YES</u>	<u>7.00</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.05</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NO</u>	<u>N/A</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>0.0</u>	µS/cm	0<25 µS/cm	<u>P</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>1540</u>	µS/cm	±5%	<u>F</u>	<u>YES</u>	<u>2010</u>	Proactive	4GJ1615	Oct-25
ORP	<u>245</u>	mV	±15 mV	<u>P</u>	<u>NO</u>	<u>N/A</u>	In-Situ	4GJ0045	Jul-25
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1	<u>P</u>	<u>NO</u>	<u>N/A</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>97.8</u>	%	97-100%	<u>P</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
ICV (Initial Calibration Verification)				Time: <u>9:19</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>3.96</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NO</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>7.04</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NO</u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>10.31</u>	s.u.	±0.15 s.u.	<u>F</u>	<u>yes / 10.00</u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>1320</u>	µS/cm	±5%	<u>F</u>	<u>yes / 1000</u>	Reagents	8405243	Jun-26	
Approx. every 8 hrs, unless only one well									
CCV (Continued Calibration Verification):				Time: <u>1547</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.04</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NO</u>	<u>N/A</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.91</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NO</u>	<u>N/A</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.06</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NO</u>	<u>N/A</u>	MSI	024072-02	3/21/2026
SC 1000	<u>1010</u>	µS/cm	±5%	<u>P</u>	<u>NO</u>	<u>N/A</u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1 mg/L	<u>P</u>	<u>NO</u>	<u>N/A</u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
Comments:									
Signature: <u>[Signature]</u>				Date: <u>07/09/25</u>					

Multiparameter Meter Field Calibration Checklist									
Field Personnel: <u>AJW</u>				Location: <u>Duck creek</u>					
Weather: <u>sunny 76°-87° smph wind</u>				Environment: <u>grassy overgrown</u>					
Multiparameter Water Meter		Make: <u>Hori-ba</u>	Model: <u>V-5000</u>	Serial Number: <u>V7320PHK</u>					
Water Level Meter		Make: <u>-</u>	Model: <u>-</u>	Serial Number: <u>-</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>-</u>	s.u.	±0.1 s.u.	<u>-</u>	<u>-</u>	<u>-</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>-</u>	s.u.	±0.1 s.u.	<u>-</u>	<u>-</u>	<u>-</u>	MSI	025066-02	3/24/2027
pH 10.00a	<u>-</u>	s.u.	±0.1 s.u.	<u>-</u>	<u>-</u>	<u>-</u>	MSI	025066-01	3/18/2027
SC Zero (DI)	<u>-</u>	µS/cm	0<25 µS/cm	<u>-</u>	<u>-</u>	<u>-</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>-</u>	µS/cm	±5%	<u>-</u>	<u>-</u>	<u>-</u>	Proactive	4GJ1615	Oct-25
ORP	<u>-</u>	mV	±15 mV	<u>-</u>	<u>-</u>	<u>-</u>	In-Situ	5GC1058	Dec-25
DO (Zero pt)	<u>-</u>	mg/L	±0.1	<u>-</u>	<u>-</u>	<u>-</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>-</u>	%	97-100%	<u>-</u>	<u>-</u>	<u>-</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
ICV (Initial Calibration Verification)					Time: <u>0923</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>-</u>	s.u.	±0.15 s.u.	<u>-</u>	<u>-</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>-</u>	s.u.	±0.15 s.u.	<u>-</u>	<u>-</u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>-</u>	s.u.	±0.15 s.u.	<u>-</u>	<u>-</u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>-</u>	µS/cm	±5%	<u>-</u>	<u>-</u>	Reagents	8405243	Jun-26	
Approx. every 8 hrs, unless only one well									
CCV (Continued Calibration Verification):					Time: <u>1550</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>-</u>	s.u.	±0.1 s.u.	<u>-</u>	<u>-</u>	<u>-</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>-</u>	s.u.	±0.1 s.u.	<u>-</u>	<u>-</u>	<u>-</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>-</u>	s.u.	±0.1 s.u.	<u>-</u>	<u>-</u>	<u>-</u>	MSI	024072-02	3/21/2026
SC 1000	<u>-</u>	µS/cm	±5%	<u>-</u>	<u>-</u>	<u>-</u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>-</u>	mg/L	±0.1 mg/L	<u>-</u>	<u>-</u>	<u>-</u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
Comments:									
Signature: <u>[Signature]</u> Date: <u>07/09/25</u>									

Multiparameter Meter Field Calibration Checklist

Field Personnel: <u>Logan Ross</u>				Location: <u>Duck Creek</u>					
Weather: <u>Sunny 67-89 5mph SE</u>				Environment: <u>Grassland</u>					
Multiparameter Water Meter		Make: <u>HORIBA</u>	Model: <u>V5000</u>	Serial Number: <u>3T85NNNF</u>					
OAKTON Water Level Meter		Make: <u>OAKTON</u>	Model: <u>PCTS-50</u>	Serial Number: <u>5009280</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>3.46</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>Y</u>	<u>4.00</u>	MSI	023310-01	11/10/2025
pH 7.00a	<u>7.88</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>Y</u>	<u>7.00</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.22</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>Y</u>	<u>10.00</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>3</u>	µS/cm	0<25 µS/cm	<u>P</u>	<u>N</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>917</u>	µS/cm	±5%	<u>F</u>	<u>Y</u>	<u>2000</u>	Proactive	4GJ1615	Oct-25
ORP	<u>236</u>	mV	±15 mV	<u>P</u>	<u>N</u>	<u>NA</u>	In-Situ	4GJ0045	Jul-25
DO (Zero pt)	<u>0</u>	mg/L	±0.1	<u>P</u>	<u>N</u>	<u>NA</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>98.2</u>	%	97-100%	<u>P</u>	<u>N</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>1</u>	NTU	<2 NTU	<u>P</u>	<u>N</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
ICV (Initial Calibration Verification)					Time: <u>1115</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>3.94</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NA</u>	Proactive	3GE1074	May-25	
pH 7.00b	<u>6.22</u>	s.u.	±0.15 s.u.	<u>F</u>	<u>7.00</u>	Proactive	3GE1252	May-25	
pH 10.00b	<u>9.98</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NA</u>	Proactive	3GE0965	May-25	
SC 1000	<u>1060</u>	µS/cm	±5%	<u>F</u>	<u>1000</u>	Reagents	8405243	Jun-26	
Approx. every 8 hrs, unless only one well									
CCV (Continued Calibration Verification):					Time: <u>1550</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.03</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>NA</u>	MSI	023310-01	11/10/2025
pH 7.00a	<u>6.98</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>NA</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.07</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>NA</u>	MSI	024072-02	3/21/2026
SC 1000	<u>991</u>	µS/cm	±5%	<u>P</u>	<u>N</u>	<u>NA</u>	Spectrum	2NA0024	Dec-25
DO (Zero pt)	<u>0</u>	mg/L	±0.1 mg/L	<u>P</u>	<u>N</u>	<u>NA</u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>N</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
Comments: <u>PH IS OAKTON</u> <u>Water level is Heron Digger 7 AFFF 2209305 ML</u> <u>for end Day</u>									
Signature: <u>[Signature]</u>				Date: <u>7-9-25</u>					

Multiparameter Meter Field Calibration Checklist

Field Personnel: <u>Austin Moore</u>				Location: <u>Duck Creek</u>					
Weather: <u>89°-62° sunny wind 9mph SW</u>				Environment: <u>land fill woods</u>					
Multiparameter Water Meter		Make: <u>Horiba</u>	Model: <u>V-5000</u>	Serial Number: <u>A6JTK4X6</u>					
Water Level Meter		Make: <u>WT</u>	Model: <u>Heron</u>	Serial Number: <u>19FF2202131 ML</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.02</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>—</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.78</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>X</u>	<u>7.00</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.02</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>—</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>0.0</u>	µS/cm	0<25 µS/cm	<u>P</u>	<u>N</u>	<u>—</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>1390</u>	µS/cm	±5%	<u>F</u>	<u>X</u>	<u>2000</u>	Proactive	4GJ1615	Oct-25
ORP	<u>231</u>	mV	±15 mV	<u>P</u>	<u>N</u>	<u>—</u>	In-Situ	5GC1058	Dec-25
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1	<u>P</u>	<u>N</u>	<u>—</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>7.1</u>	%	97-100%	<u>F</u>	<u>X</u>	<u>98.5</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>N</u>	<u>—</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification)					Time: <u>0839</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>4.01</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>N/A</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>6.99</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>N/A</u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>10.03</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>N/A</u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>1420</u>	µS/cm	±5%	<u>F</u>	<u>X</u> <u>1000</u>	Reagents	8405243	Jun-26	

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification):					Time: <u>1600</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.08</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>—</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>7.05</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>—</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.06</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>—</u>	MSI	024072-02	3/21/2026
SC 1000	<u>1030</u>	µS/cm	±5%	<u>P</u>	<u>N</u>	<u>—</u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1 mg/L	<u>P</u>	<u>N</u>	<u>—</u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>N</u>	<u>—</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: <u>Austin M</u>	Date: <u>10-Jul-25</u>
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Multiparameter Meter Field Calibration Checklist									
Field Personnel: AJW				Location: Duck Creek					
Weather: Sunny 75°-87° 3mph Wind SE				Environment: grassy, overgrown					
Multiparameter Water Meter		Make: Horiba	Model: U-5000	Serial Number: V7320PKK					
Water Level Meter		Make: Heson	Model: Diver-T	Serial Number: 3717-T					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	4.10	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024140-01	5/21/2026
pH 7.00a	7.84	s.u.	±0.1 s.u.	F	YES	7.00	MSI	024145-01	5/29/2026
pH 10.00a	10.08	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024072-02	3/21/2026
SC Zero (DI)	0.115	µS/cm	0<25 µS/cm	F	YES	0.0	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	1210	µS/cm	±5%	F	YES	2000	Proactive	4GJ1615	Oct-25
ORP	245	mV	±15 mV	P	NO	N/A	In-Situ	5GC1058	Dec-25
DO (Zero pt)	0.0	mg/L	±0.1	P	NO	N/A	Macron	#000228049	8/26/2025
DO (Saturated)	97.6	%	97-100%	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	0.0	NTU	<2 NTU	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
ICV (Initial Calibration Verification)					Time: 8:12				
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	4.01	s.u.	±0.15 s.u.	P	NO	Proactive	5GD0333	Apr-27	
pH 7.00b	7.06	s.u.	±0.15 s.u.	P	NO	Proactive	5GC1678	Mar-27	
pH 10.00b	10.04	s.u.	±0.15 s.u.	P	NO	Proactive	5GC1614	Mar-27	
SC 1000	1430	µS/cm	±5%	F	YES/1010	Reagents	8405243	Jun-26	
Approx. every 8 hrs, unless only one well									
CCV (Continued Calibration Verification):					Time: 12:00				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	4.07	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024140-01	5/21/2026
pH 7.00a	7.01	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024145-01	5/29/2026
pH 10.00a	10.02	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024072-02	3/21/2026
SC 1000	1020	µS/cm	±5%	P	NO	N/A	Reagents	8405243	Jun-26
DO (Zero pt)	0.0	mg/L	±0.1 mg/L	P	NO	N/A	Macron	#000228049	8/26/2025
Turbidity (DI)	0.0	NTU	<2 NTU	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
Comments:									
Signature: [Signature] Date: 07/10/25									

APP 7/10/25

Multiparameter Meter Field Calibration Checklist

Field Personnel: <u>Jordan Bohannon</u>			Location: <u>Duck Creek</u>						
Weather: <u>86°F, Sunny, 6mph wind</u>			Environment: <u>Grassy</u>						
Multiparameter Water Meter	Make: <u>Horiba</u>	Model: <u>U-5000</u>	Serial Number: <u>YL9KJ9HA</u>						
Water Level Meter	Make: <u>Heron</u>	Model: <u>Dipper T</u>	Serial Number: <u>19FF2111192HB</u>						
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.14</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>Yes</u>	<u>4.00</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>7.03</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>No</u>	<u>N/A</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.16</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>Yes</u>	<u>10.00</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>0.00</u>	µS/cm	0<25 µS/cm	<u>P</u>	<u>No</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>2014</u>	µS/cm	±5%	<u>P</u>	<u>No</u>	<u>N/A</u>	Proactive	4GJ1615	Oct-25
ORP	<u>232</u>	mV	±15 mV	<u>I</u>	<u>I</u>	<u>I</u>	In-Situ	5GC1058	Dec-25
DO (Zero pt)	<u>0.00</u>	mg/L	±0.1	<u>I</u>	<u>I</u>	<u>I</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>100%</u>	%	97-100%	<u>I</u>	<u>I</u>	<u>I</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0.00</u>	NTU	<2 NTU	<u>I</u>	<u>I</u>	<u>I</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification)					Time: <u>1145</u>			
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.
pH 4.00b	<u>4.02</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>None</u>	Proactive	5GD0333	Apr-27
pH 7.00b	<u>6.98</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>None</u>	Proactive	5GC1678	Mar-27
pH 10.00b	<u>10.05</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>None</u>	Proactive	5GC1614	Mar-27
SC 1000	<u>1007</u>	µS/cm	±5%	<u>P</u>	<u>None</u>	Reagents	8405243	Jun-26

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification):					Time: <u>1516</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.03</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>No</u>	<u>N/A</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>7.02</u>	s.u.	±0.1 s.u.	<u>I</u>	<u>I</u>	<u>I</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.03</u>	s.u.	±0.1 s.u.	<u>I</u>	<u>I</u>	<u>I</u>	MSI	024072-02	3/21/2026
SC 1000	<u>1007</u>	µS/cm	±5%	<u>I</u>	<u>I</u>	<u>I</u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>0.00</u>	mg/L	±0.1 mg/L	<u>I</u>	<u>I</u>	<u>I</u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0.00</u>	NTU	<2 NTU	<u>I</u>	<u>I</u>	<u>I</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: <u>J Bohannon</u>	Date: <u>7/10/25</u>
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Multiparameter Meter Field Calibration Checklist

Field Personnel: <u>Logan Ross</u>				Location: <u>Duck Creek</u>					
Weather: <u>cloudy 70-90 11mph N</u>				Environment: <u>Grassland</u>					
Multiparameter Water Meter		Make: <u>HoriBa</u>	Model: <u>J-5000</u>	Serial Number: <u>3T85NNNF</u>					
Water Level Meter		Make: <u>Heron</u>	Model: <u>DipNet</u>	Serial Number: <u>5004280 11FF2209305 PL</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>3.83</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>yes</u>	<u>4.00</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.93</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NO</u>	<u>—</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.18</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>yes</u>	<u>10.00</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>2</u>	µS/cm	0<25 µS/cm	<u>P</u>	<u>N</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>1993</u>	µS/cm	±5%	<u>P</u>	<u>N</u>	<u>NA</u>	Proactive	4GJ1615	Oct-25
ORP	<u>226</u>	mV	±15 mV	<u>P</u>	<u>✓</u>	<u>NA</u>	In-Situ	5GC1058	Dec-25
DO (Zero pt)	<u>0</u>	mg/L	±0.1	<u>P</u>	<u>N</u>	<u>NA</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>98.7</u>	%	97-100%	<u>P</u>	<u>N</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0</u>	NTU	<2 NTU	<u>P</u>	<u>N</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)

PM 7/10/25

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification)					Time: <u>0902</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>3.93</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>—</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>6.87</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>—</u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>10.18</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>—</u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>1011</u>	µS/cm	±5%	<u>P</u>	<u>NA</u>	Reagents	8405243	Jun-26	

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification):					Time: <u>—</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a		s.u.	±0.1 s.u.				MSI	024140-01	5/21/2026
pH 7.00a		s.u.	±0.1 s.u.				MSI	024145-01	5/29/2026
pH 10.00a		s.u.	±0.1 s.u.				MSI	024072-02	3/21/2026
SC 1000		µS/cm	±5%				Reagents	8405243	Jun-26
DO (Zero pt)		mg/L	±0.1 mg/L				Macron	#000228049	8/26/2025
Turbidity (DI)		NTU	<2 NTU				Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments: only one well sampled, no ent day cal needed

Signature: <u>LR</u>	Date: <u>7-10-11</u>
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Multiparameter Meter Field Calibration Checklist									
Field Personnel: <u>ASW</u>				Location: <u>Duck Creek</u>					
Weather: <u>75-87° Partly cloudy 2 mph Wind E</u>				Environment: <u>Grassy overgrown</u>					
Multiparameter Water Meter		Make: <u>Hanna</u>	Model: <u>U5000</u>	Serial Number: <u>V7320PKK</u>					
Water Level Meter		Make: <u>Huan</u>	Model: <u>Dyeo-T</u>	Serial Number: <u>3717-T</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.33</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>yes</u>	<u>3.99</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.89</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>yes</u>	<u>7.00</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>9.96</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>no</u>	<u>N/A</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>0.081</u>	µS/cm	0-25 µS/cm	<u>F</u>	<u>yes</u>	<u>0</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>15100</u>	µS/cm	±5%	<u>F</u>	<u>yes</u>	<u>2000</u>	Proactive	4GJ1615	Oct-25
ORP	<u>245</u>	mV	±15 mV	<u>P</u>	<u>no</u>	<u>N/A</u>	In-Situ	5GC1058	Dec-25
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1	<u>P</u>	<u>no</u>	<u>N/A</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>98.8</u>	%	97-100%	<u>P</u>	<u>no</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>no</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
ICV (Initial Calibration Verification)				Time: <u>9:00</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>3.88</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>no</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>6.98</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>no</u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>9.94</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>no</u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>1320</u>	µS/cm	±5%	<u>F</u>	<u>yes</u> / <u>1000</u>	Reagents	8405243	Jun-26	
Approx. every 8 hrs, unless only one well									
CCV (Continued Calibration Verification):				Time: <u>15:30</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.08</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>no</u>	<u>N/A</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.97</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>no</u>	<u>N/A</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>9.95</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>no</u>	<u>N/A</u>	MSI	024072-02	3/21/2026
SC 1000	<u>1030</u>	µS/cm	±5%	<u>P</u>	<u>no</u>	<u>N/A</u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1 mg/L	<u>P</u>	<u>no</u>	<u>N/A</u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>no</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
Comments:									
Signature: <u>[Signature]</u>				Date: <u>07/14/25</u>					

Multiparameter Meter Field Calibration Checklist

Field Personnel: <u>KALEB DESKE</u>				Location: <u>DUCK CREEK</u>					
Weather: <u>74° 2mph W</u>				Environment: <u>GRASS, CLOUDY</u>					
Multiparameter Water Meter	Make: <u>HORITA</u>	Model: <u>U-5000</u>	Serial Number: <u>3785UNNF</u>						
Water Level Meter	Make: <u>HERON</u>	Model: <u>WT</u>	Serial Number: <u>19FF2111015HB</u>						
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.01</u>	s.u.	±0.1 s.u.	<u>PASS</u>	<u>NO</u>	<u>N/A</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>7.00</u>	s.u.	±0.1 s.u.	<u>PASS</u>	<u>NO</u>	<u>N/A</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>9.98</u>	s.u.	±0.1 s.u.	<u>PASS</u>	<u>NO</u>	<u>N/A</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>1.10</u>	µS/cm	0<25 µS/cm	<u>PASS</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>2000</u>	µS/cm	±5%	<u>PASS</u>	<u>NO</u>	<u>N/A</u>	Proactive	4GJ1615	Oct-25
ORP	<u>231</u>	mV	±15 mV	<u>PASS</u>	<u>NO</u>	<u>N/A</u>	In-Situ	4GJ0045	Jul-25
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1	<u>PASS</u>	<u>NO</u>	<u>N/A</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>98</u>	%	97-100%	<u>PASS</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>1.10</u>	NTU	<2 NTU	<u>PASS</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification)					Time: <u>0906</u>			
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.
pH 4.00b	<u>4.03</u>	s.u.	±0.15 s.u.	<u>PASS</u>	<u>NO</u>	Proactive	5GD0333	Apr-27
pH 7.00b	<u>7.00</u>	s.u.	±0.15 s.u.	<u>PASS</u>	<u>NO</u>	Proactive	5GC1678	Mar-27
pH 10.00b	<u>9.98</u>	s.u.	±0.15 s.u.	<u>PASS</u>	<u>NO</u>	Proactive	5GC1614	Mar-27
SC 1000	<u>1000</u>	µS/cm	±5%	<u>PASS</u>	<u>NO</u>	Reagents	8405243	Jun-26

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification):					Time: <u>1533</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.00</u>	s.u.	±0.1 s.u.	<u>PASS</u>	<u>NO</u>	<u>N/A</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.98</u>	s.u.	±0.1 s.u.	<u>PASS</u>	<u>NO</u>	<u>N/A</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>9.99</u>	s.u.	±0.1 s.u.	<u>PASS</u>	<u>NO</u>	<u>N/A</u>	MSI	024072-02	3/21/2026
SC 1000	<u>1000</u>	µS/cm	±5%	<u>PASS</u>	<u>NO</u>	<u>N/A</u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1 mg/L	<u>PASS</u>	<u>NO</u>	<u>N/A</u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>1.02</u>	NTU	<2 NTU	<u>PASS</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: <u>[Signature]</u>	Date: <u>07/14/25</u>
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Multiparameter Meter Field Calibration Checklist									
Field Personnel: <u>AJW</u>				Location: <u>Duck Creek</u>					
Weather: <u>Sunny 79°-89° 5mph Wind SE</u>				Environment: <u>grassy, overgrown</u>					
Multiparameter Water Meter		Make: <u>Hanna</u>	Model: <u>U-5000</u>	Serial Number: <u>V7320PKK</u>					
Water Level Meter		Make: <u>Hanna</u>	Model: <u>D-105-T</u>	Serial Number: <u>3717-T</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.24</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>yes</u>	<u>3.99</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.81</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>yes</u>	<u>7.02</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.00</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NO</u>	<u>N/A</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>101</u>	µS/cm	0<25 µS/cm	<u>F</u>	<u>yes</u>	<u>0.0</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>1560</u>	µS/cm	±5%	<u>F</u>	<u>yes</u>	<u>2000</u>	Proactive	4GJ1615	Oct-25
ORP	<u>245</u>	mV	±15 mV	<u>P</u>	<u>NO</u>	<u>N/A</u>	In-Situ	5GC1058	Dec-25
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1	<u>P</u>	<u>NO</u>	<u>N/A</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>97.6</u>	%	97-100%	<u>P</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
ICV (Initial Calibration Verification)				Time: <u>9:00</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>3.91</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NO</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>6.99</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NO</u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>9.94</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NO</u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>1340</u>	µS/cm	±5%	<u>F</u>	<u>yes / 1000</u>	Reagents	8405243	Jun-26	
Approx. every 8 hrs, unless only one well									
CCV (Continued Calibration Verification):				Time: <u>15:40</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.01</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NO</u>	<u>N/A</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.95</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NO</u>	<u>N/A</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>9.97</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NO</u>	<u>N/A</u>	MSI	024072-02	3/21/2026
SC 1000	<u>1010</u>	µS/cm	±5%	<u>P</u>	<u>NO</u>	<u>N/A</u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1 mg/L	<u>P</u>	<u>NO</u>	<u>N/A</u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
Comments:									
Signature: <u>[Signature]</u>				Date: <u>07/15/25</u>					

Multiparameter Meter Field Calibration Checklist

Field Personnel: <u>KALIB DESKE</u>				Location: <u>DUCK CREEK</u>					
Weather: <u>73° Cloudy 5 mph NW</u>				Environment: <u>GRASSY</u>					
Multiparameter Water Meter		Make: <u>HORITA</u>	Model: <u>U5000</u>	Serial Number: <u>3T85NNNF</u>					
Water Level Meter		Make: <u>HORON</u>	Model: <u>WT</u>	Serial Number: <u>19FP211015HB</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.03</u>	s.u.	±0.1 s.u.	<u>PASS</u>	<u>NO</u>	<u>NA</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>7.23</u>	s.u.	±0.1 s.u.	<u>FAIL</u>	<u>YES</u>	<u>7.00</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.30</u>	s.u.	±0.1 s.u.	<u>FAIL</u>	<u>YES</u>	<u>10.00</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>13.00</u>	µS/cm	0<25 µS/cm	<u>PASS</u>	<u>NO</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>2000</u>	µS/cm	±5%	<u>PASS</u>			Proactive	4GJ1615	Oct-25
ORP	<u>233</u>	mV	±15 mV	<u>PASS</u>			In-Situ	4GJ0045	Jul-25
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1	<u>PASS</u>			Macron	#000228049	8/26/2025
DO (Saturated)	<u>99</u>	%	97-100%	<u>PASS</u>			Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>1.18</u>	NTU	<2 NTU	<u>PASS</u>			Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification)					Time: <u>0916</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>4.01</u>	s.u.	±0.15 s.u.	<u>PASS</u>	<u>NO</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>6.73</u>	s.u.	±0.15 s.u.	<u>FAIL</u>	<u>7.00</u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>9.45</u>	s.u.	±0.15 s.u.	<u>FAIL</u>	<u>10.00</u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>1000</u>	µS/cm	±5%	<u>PASS</u>	<u>NO</u>	Reagents	8405243	Jun-26	

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification):					Time: <u>1530</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.03</u>	s.u.	±0.1 s.u.	<u>PASS</u>	<u>NO</u>	<u>NA</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.98</u>	s.u.	±0.1 s.u.				MSI	024145-01	5/29/2026
pH 10.00a	<u>9.99</u>	s.u.	±0.1 s.u.				MSI	024072-02	3/21/2026
SC 1000	<u>1000</u>	µS/cm	±5%				Reagents	8405243	Jun-26
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1 mg/L				Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0.80</u>	NTU	<2 NTU				Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:	
Signature: <u>[Signature]</u>	Date: <u>07/15/25</u>

Multiparameter Meter Field Calibration Checklist

Field Personnel: <u>Sage Ross</u>				Location: <u>Duck Creek</u>					
Weather: <u>Sunny</u>				Environment: <u>Grassland</u>					
Multiparameter Water Meter		Make: <u>Hanna</u>	Model: <u>U-8000</u>	Serial Number: <u>A6JTK4X16</u>					
Water Level Meter		Make: <u>Hanna</u>	Model: <u>0.0017</u>	Serial Number: <u>11FF2209305ML</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>3.92</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>NA</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.92</u>	s.u.	±0.1 s.u.	<u>P</u>	<u> </u>	<u> </u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.02</u>	s.u.	±0.1 s.u.	<u>P</u>	<u> </u>	<u> </u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>2</u>	µS/cm	0<25 µS/cm	<u>P</u>	<u> </u>	<u> </u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>1950</u>	µS/cm	±5%	<u>P</u>	<u> </u>	<u> </u>	Proactive	4GJ1615	Oct-25
ORP	<u>230</u>	mV	±15 mV	<u>P</u>	<u> </u>	<u> </u>	In-Situ	5GC1058	Dec-25
DO (Zero pt)	<u>0</u>	mg/L	±0.1	<u>P</u>	<u> </u>	<u> </u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>98.2</u>	%	97-100%	<u>P</u>	<u> </u>	<u> </u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0</u>	NTU	<2 NTU	<u>P</u>	<u>N</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification)					Time: <u>8942</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>3.86</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NA</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>6.87</u>	s.u.	±0.15 s.u.	<u>P</u>	<u> </u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>10.07</u>	s.u.	±0.15 s.u.	<u>P</u>	<u> </u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>992</u>	µS/cm	±5%	<u>P</u>	<u>NA</u>	Reagents	8405243	Jun-26	

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification):					Time: <u>227</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.07</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>NA</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.98</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u> </u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>9.93</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u> </u>	MSI	024072-02	3/21/2026
SC 1000	<u>1011</u>	µS/cm	±5%	<u>P</u>	<u>N</u>	<u> </u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>0</u>	mg/L	±0.1 mg/L	<u>P</u>	<u>N</u>	<u> </u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0</u>	NTU	<2 NTU	<u>P</u>	<u>N</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: <u>[Signature]</u>	Date: <u>7-15-2025</u>
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Multiparameter Meter Field Calibration Checklist										
Field Personnel:		Aaron Pemberton / Jordan Bohannon			Location: Duck Creek					
Weather:		Sunny 76°-88° wind SW 6 mph			Environment: grass, dirt					
Multiparameter Water Meter		Make:	Hanna	Model:	U-5000	Serial Number:				3T85NNNF
Water Level Meter		Make:	Hera	Model:	Dipport	Serial Number:				19FF2202131ML
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.	
pH 4.00a	4.05	s.u.	±0.1 s.u.	P	NO	—	MSI	024140-01	5/21/2026	
pH 7.00a	7.00	s.u.	±0.1 s.u.	P	NO	—	MSI	025066-02	3/24/2027	
pH 10.00a	9.96	s.u.	±0.1 s.u.	P	NO	—	MSI	025066-01	3/18/2027	
SC Zero (DI)	0.0	µS/cm	0<25 µS/cm	P	NO	—	Pace Labs	N/A (DI)	N/A (DI)	
SC 2000	2020	µS/cm	±5%	P	NO	—	Proactive	4GJ1615	Oct-25	
ORP	209	mV	±15 mV	P	NO	—	In-Situ	5GC1058	Dec-25	
DO (Zero pt)	0.04	mg/L	±0.1	P	NO	—	Macron	#000228049	8/26/2025	
DO (Saturated)	98.1	%	97-100%	P	NO	—	Pace Labs	N/A (DI)	N/A (DI)	
Turbidity (DI)	1.5	NTU	<2 NTU	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)	
Approx. every 8 hrs, unless only one well										
ICV (Initial Calibration Verification)					Time: 1030					
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.		
pH 4.00b	3.09	s.u.	±0.15 s.u.	P	—	Proactive	5GD0333	Apr-27		
pH 7.00b	6.09	s.u.	±0.15 s.u.	P	—	Proactive	5GC1678	Mar-27		
pH 10.00b	10.13	s.u.	±0.15 s.u.	P	—	Proactive	5GC1614	Mar-27		
SC 1000	1010	µS/cm	±5%	P	—	Reagents	8405243	Jun-26		
Approx. every 8 hrs, unless only one well										
CCV (Continued Calibration Verification):					Time: 1540					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.	
pH 4.00a	4.01	s.u.	±0.1 s.u.	P	No	N/A	MSI	024140-01	5/21/2026	
pH 7.00a	7.02	s.u.	±0.1 s.u.	P			MSI	024145-01	5/29/2026	
pH 10.00a	10.07	s.u.	±0.1 s.u.	P			MSI	024072-02	3/21/2026	
SC 1000	1001	µS/cm	±5%	P			Reagents	8405243	Jun-26	
DO (Zero pt)	0.08	mg/L	±0.1 mg/L	P			Macron	#000228049	8/26/2025	
Turbidity (DI)	0.0	NTU	<2 NTU	P			Pace Labs	N/A (DI)	N/A (DI)	
Approx. every 8 hrs, unless only one well										
Comments:										
Signature: 					Date: 7/16/2025					

Multiparameter Meter Field Calibration Checklist

Field Personnel: ATW		Location: Duck Creek	
Weather: Sunny 76°-88° (mph Wind SW)		Environment: grassy, overgrown	
Multiparameter Water Meter	Make: Hanna	Model: U-5000	Serial Number: V7320PKK
Water Level Meter	Make: Hanna	Model: Dipper-T	Serial Number: 3717-T

Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	4.24	s.u.	±0.1 s.u.	F	yes	3.99	MSI	024140-01	5/21/2026
pH 7.00a	6.83	s.u.	±0.1 s.u.	F	yes	7.00	MSI	024145-01	5/29/2026
pH 10.00a	9.95	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024072-02	3/21/2026
SC Zero (DI)	0.112	µS/cm	0<25 µS/cm	F	yes	0.0	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	1560	µS/cm	±5%	F	yes	2000	Proactive	4GJ1615	Oct-25
ORP	245	mV	±15 mV	P	NO	N/A	In-Situ	5GC1058	Dec-25
DO (Zero pt)	0.0	mg/L	±0.1	P	NO	N/A	Macron	#000228049	8/26/2025
DO (Saturated)	97.4	%	97-100%	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	0.0	NTU	<2 NTU	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

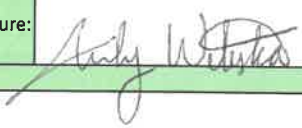
ICV (Initial Calibration Verification)					Time: 8:45				
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	3.90	s.u.	±0.15 s.u.	P	NO	Proactive	5GD0333	Apr-27	
pH 7.00b	7.01	s.u.	±0.15 s.u.	P	NO	Proactive	5GC1678	Mar-27	
pH 10.00b	9.90	s.u.	±0.15 s.u.	P	NO	Proactive	5GC1614	Mar-27	
SC 1000	1290	µS/cm	±5%	F	yes/1000	Reagents	8405243	Jun-26	

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification):					Time: 15:30				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	4.06	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024140-01	5/21/2026
pH 7.00a	6.98	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024145-01	5/29/2026
pH 10.00a	9.94	s.u.	±0.1 s.u.	P	NO	N/A	MSI	024072-02	3/21/2026
SC 1000	1040	µS/cm	±5%	P	NO	N/A	Reagents	8405243	Jun-26
DO (Zero pt)	0.0	mg/L	±0.1 mg/L	P	NO	N/A	Macron	#000228049	8/26/2025
Turbidity (DI)	0.0	NTU	<2 NTU	P	NO	N/A	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: 	Date: 07/16/25
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Multiparameter Meter Field Calibration Checklist

Field Personnel: <u>Logan Ross</u>				Location: <u>DUCK CREEK</u>					
Weather: <u>Cloudy 68-90 14mph N</u>				Environment: <u>Grassland</u>					
Multiparameter Water Meter		Make: <u>HOEIBA</u>	Model: <u>U-5000</u>	Serial Number: <u>YL9KJ9HA</u>					
Water Level Meter		Make: <u>Heron</u>	Model: <u>D10007</u>	Serial Number: <u>11FF2209305ML</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.11</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>Y</u>	<u>4.01</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.98</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>Y</u>	<u>7.00</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.04</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>NA</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>0</u>	µS/cm	0-25 µS/cm	<u>P</u>	<u>N</u>	<u> </u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>1991</u>	µS/cm	±5%	<u>P</u>	<u>N</u>	<u> </u>	Proactive	4GJ1615	Oct-25
ORP	<u>229</u>	mV	±15 mV	<u>P</u>	<u>N</u>	<u> </u>	In-Situ	5GC1058	Dec-25
DO (Zero pt)	<u>0</u>	mg/L	±0.1	<u>P</u>	<u>N</u>	<u> </u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>98.9</u>	%	97-100%	<u>P</u>	<u>N</u>	<u> </u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0</u>	NTU	<2 NTU	<u>P</u>	<u>N</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification)					Time: <u>1224</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>4.08</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NA</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>6.97</u>	s.u.	±0.15 s.u.	<u>P</u>	<u> </u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>10.01</u>	s.u.	±0.15 s.u.	<u>P</u>	<u> </u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>1011</u>	µS/cm	±5%	<u>P</u>	<u>NA</u>	Reagents	8405243	Jun-26	

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification):					Time: <u></u>				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.07</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>NA</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.92</u>	s.u.	±0.1 s.u.	<u>P</u>	<u> </u>	<u> </u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.08</u>	s.u.	±0.1 s.u.	<u>P</u>	<u> </u>	<u> </u>	MSI	024072-02	3/21/2026
SC 1000	<u>992</u>	µS/cm	±5%	<u>P</u>	<u> </u>	<u> </u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>0</u>	mg/L	±0.1 mg/L	<u>P</u>	<u> </u>	<u> </u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0</u>	NTU	<2 NTU	<u>P</u>	<u>N</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:

Signature: <u>[Signature]</u>	Date: <u>7-16-25</u>
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Multiparameter Meter Field Calibration Checklist

Field Personnel: <u>AJW</u>				Location: <u>Duck Creek</u>					
Weather: <u>Cloudy 73°-80° light Wind NW</u>				Environment: <u>grassy, overgrown</u>					
Multiparameter Water Meter		Make: <u>Hanna</u>	Model: <u>U-5000</u>	Serial Number: <u>V732APKK</u>					
Water Level Meter		Make: <u>Hanna</u>	Model: <u>Dip-T</u>	Serial Number: <u>3717-T</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.13</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>yes</u>	<u>4.00</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.86</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>yes</u>	<u>7.01</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>9.98</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>NO</u>	<u>N/A</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>0.157</u>	µS/cm	0<25 µS/cm	<u>F</u>	<u>yes</u>	<u>0.0</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>1520</u>	µS/cm	±5%	<u>F</u>	<u>yes</u>	<u>2000</u>	Proactive	4GJ1615	Oct-25
ORP	<u>245</u>	mV	±15 mV	<u>P</u>	<u>NO</u>	<u>N/A</u>	In-Situ	5GC1058	Dec-25
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1	<u>P</u>	<u>NO</u>	<u>N/A</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>97.9</u>	%	97-100%	<u>P</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0.0</u>	NTU	<2 NTU	<u>P</u>	<u>NO</u>	<u>N/A</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
ICV (Initial Calibration Verification)				Time: <u>9:15</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>3.95</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NO</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>6.98</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NO</u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>9.92</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NO</u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>1360</u>	µS/cm	±5%	<u>F</u>	<u>yes / 1000</u>	Reagents	8405243	Jun-26	
Approx. every 8 hrs, unless only one well									
CCV (Continued Calibration Verification):				Time: _____					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	_____	s.u.	±0.1 s.u.	_____	_____	_____	MSI	024140-01	5/21/2026
pH 7.00a	_____	s.u.	±0.1 s.u.	_____	_____	_____	MSI	024145-01	5/29/2026
pH 10.00a	_____	s.u.	±0.1 s.u.	_____	_____	_____	MSI	024072-02	3/21/2026
SC 1000	_____	µS/cm	±5%	_____	_____	_____	Reagents	8405243	Jun-26
DO (Zero pt)	_____	mg/L	±0.1 mg/L	_____	_____	_____	Macron	#000228049	8/26/2025
Turbidity (DI)	_____	NTU	<2 NTU	_____	_____	_____	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
Comments: <u>only one well samples</u>									
Signature: <u>[Signature]</u>				Date: <u>07/17/25</u>					

Multiparameter Meter Field Calibration Checklist									
Field Personnel:		Jordan Bohannon			Location:		Duck Creek		
Weather:		74°F, Sunny, 6 mph wind			Environment:		Grassy		
Multiparameter Water Meter		Make:	Horiba	Model:	U-5000	Serial Number:		AGJTK4XG	
Water Level Meter		Make:	Heron	Model:	Dipper T	Serial Number:		19FF211192HB	
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	4.30	s.u.	±0.1 s.u.	F	Yes	N/A	MSI	024140-01	5/21/2026
pH 7.00a	7.27	s.u.	±0.1 s.u.	F	Yes	N/A	MSI	024145-01	5/29/2026
pH 10.00a	9.65	s.u.	±0.1 s.u.	F	Yes	N/A	MSI	024072-02	3/21/2026
SC Zero (DI)	0.00	µS/cm	0<25 µS/cm	P	No	N/A	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	2007	µS/cm	±5%				Proactive	4GJ1615	Oct-25
ORP	232	mV	±15 mV				In-Situ	5GC1058	Dec-25
DO (Zero pt)	0.00	mg/L	±0.1				Macron	#000228049	8/26/2025
DO (Saturated)	100%	%	97-100%				Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	0.00	NTU	<2 NTU				Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
ICV (Initial Calibration Verification)					Time:		0910		
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	4.03	s.u.	±0.15 s.u.	P	None	Proactive	5GD0333	Apr-27	
pH 7.00b	7.02	s.u.	±0.15 s.u.	P	None	Proactive	5GC1678	Mar-27	
pH 10.00b	10.06	s.u.	±0.15 s.u.	P	None	Proactive	5GC1614	Mar-27	
SC 1000	1001	µS/cm	±5%	P	None	Reagents	8405243	Jun-26	
Approx. every 8 hrs, unless only one well									
CCV (Continued Calibration Verification):					Time:				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a		s.u.	±0.1 s.u.				MSI	024140-01	5/21/2026
pH 7.00a		s.u.	±0.1 s.u.				MSI	024145-01	5/29/2026
pH 10.00a		s.u.	±0.1 s.u.				MSI	024072-02	3/21/2026
SC 1000		µS/cm	±5%				Reagents	8405243	Jun-26
DO (Zero pt)		mg/L	±0.1 mg/L				Macron	#000228049	8/26/2025
Turbidity (DI)		NTU	<2 NTU				Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
Comments: only one well sample									
Signature: J Bohannon					Date:		7/17/25		

Multiparameter Meter Field Calibration Checklist

Field Personnel: <u>KALEB DESKE</u>				Location: <u>DUCK CREEK</u>					
Weather: <u>74° Cloudy 10 mph SE</u>				Environment: <u>GRASS</u>					
Multiparameter Water Meter		Make: <u>HORIBA</u>	Model: <u>U-5000</u>	Serial Number: <u>3T85 UNNF</u>					
Water Level Meter		Make: <u>HERON</u>	Model: <u>WT</u>	Serial Number: <u>19FF21110154B</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.03</u>	s.u.	±0.1 s.u.	<u>Pass</u>	<u>no</u>	<u>n/a</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.98</u>	s.u.	±0.1 s.u.	<u>1</u>	<u>1</u>	<u>1</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.01</u>	s.u.	±0.1 s.u.	<u>1</u>	<u>1</u>	<u>1</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>10.0</u>	µS/cm	0<25 µS/cm	<u>1</u>	<u>1</u>	<u>1</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>2000</u>	µS/cm	±5%	<u>1</u>	<u>1</u>	<u>1</u>	Proactive	4GJ1615	Oct-25
ORP	<u>232</u>	mV	±15 mV	<u>1</u>	<u>1</u>	<u>1</u>	In-Situ	4GJ0045	Jul-25
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1	<u>1</u>	<u>1</u>	<u>1</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>99</u>	%	97-100%	<u>1</u>	<u>1</u>	<u>1</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>1.04</u>	NTU	<2 NTU	<u>1</u>	<u>1</u>	<u>1</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
ICV (Initial Calibration Verification)					Time: <u>0915</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>5.23</u>	s.u.	±0.15 s.u.	<u>Fail</u>	<u>4.00</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>7.30</u>	s.u.	±0.15 s.u.	<u>1</u>	<u>7.00</u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>10.11</u>	s.u.	±0.15 s.u.	<u>1</u>	<u>10.00</u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>1000</u>	µS/cm	±5%	<u>Pass</u>	<u>N/A</u>	Reagents	8405243	Jun-26	
Approx. every 8 hrs, unless only one well									
CCV (Continued Calibration Verification):					Time: <u>1315</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.00</u>	s.u.	±0.1 s.u.	<u>Pass</u>	<u>no</u>	<u>n/a</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>7.02</u>	s.u.	±0.1 s.u.	<u>1</u>	<u>1</u>	<u>1</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.01</u>	s.u.	±0.1 s.u.	<u>1</u>	<u>1</u>	<u>1</u>	MSI	024072-02	3/21/2026
SC 1000	<u>1000</u>	µS/cm	±5%	<u>1</u>	<u>1</u>	<u>1</u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>0.0</u>	mg/L	±0.1 mg/L	<u>1</u>	<u>1</u>	<u>1</u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0.83</u>	NTU	<2 NTU	<u>1</u>	<u>1</u>	<u>1</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
Comments:									
Signature: <u>[Signature]</u>				Date: <u>07/17/25</u>					

Multiparameter Meter Field Calibration Checklist

Field Personnel: <u>Logan Ross</u>				Location: <u>Duck Creek</u>					
Weather: <u>67-81</u>				Environment: <u>GRASSLAND</u>					
Multiparameter Water Meter		Make: <u>Horioba</u>	Model: <u>US500</u>	Serial Number: <u>YL9KJ9HA</u>					
Water Level Meter		Make: <u>Heron</u>	Model: <u>D:quest</u>	Serial Number: <u>11FF2209303ML</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>3.92</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>NA</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.90</u>	s.u.	±0.1 s.u.	<u> </u>	<u> </u>	<u> </u>	MSI	025066-02	3/24/2027
pH 10.00a	<u>10.04</u>	s.u.	±0.1 s.u.	<u> </u>	<u> </u>	<u> </u>	MSI	025066-01	3/18/2027
SC Zero (DI)	<u>19</u>	µS/cm	0<25 µS/cm	<u> </u>	<u> </u>	<u> </u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>1910</u>	µS/cm	±5%	<u> </u>	<u> </u>	<u> </u>	Proactive	4GJ1615	Oct-25
ORP	<u>225</u>	mV	±15 mV	<u> </u>	<u> </u>	<u> </u>	In-Situ	5GC1058	Dec-25
DO (Zero pt)	<u>0</u>	mg/L	±0.1	<u> </u>	<u> </u>	<u> </u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>99.8</u>	%	97-100%	<u> </u>	<u> </u>	<u> </u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>1.2</u>	NTU	<2 NTU	<u>P</u>	<u>N</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

ICV (Initial Calibration Verification)					Time: <u>0916</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>3.99</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NA</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>6.90</u>	s.u.	±0.15 s.u.	<u>P</u>	<u> </u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>9.97</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NA</u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>254</u>	µS/cm	±5%	<u>F</u>	<u>CAL</u> <u>WAP</u>	Reagents	8405243	Jun-26	

Approx. every 8 hrs, unless only one well

CCV (Continued Calibration Verification):					Time: <u>1315</u>				
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>4.02</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>NA</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>6.93</u>	s.u.	±0.1 s.u.	<u> </u>	<u> </u>	<u> </u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>10.06</u>	s.u.	±0.1 s.u.	<u> </u>	<u> </u>	<u> </u>	MSI	024072-02	3/21/2026
SC 1000	<u>991</u>	µS/cm	±5%	<u> </u>	<u> </u>	<u> </u>	Reagents	8405243	Jun-26
DO (Zero pt)	<u>0</u>	mg/L	±0.1 mg/L	<u> </u>	<u> </u>	<u> </u>	Macron	#000228049	8/26/2025
Turbidity (DI)	<u>0</u>	NTU	<2 NTU	<u>P</u>	<u>N</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)

Approx. every 8 hrs, unless only one well

Comments:	
Signature: <u>[Signature]</u>	Date: <u>7-16-25</u>

APP 7/18/25

Multiparameter Meter Field Calibration Checklist									
Field Personnel: <u>Logan Ross</u>				Location: <u>DUCK CREEK</u>					
Weather: <u>Sunny</u>				Environment: <u>GRASSLAND</u>					
Multiparameter Water Meter		Make: <u>Horiha</u>	Model: <u>V5000</u>	Serial Number: <u>AGJTH4XG</u>					
Water Level Meter		Make: <u>Heron</u>	Model: <u>Dippr7</u>	Serial Number: <u>11FF2209305ML</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a	<u>3.89</u>	s.u.	±0.1 s.u.	<u>F</u>	<u>Y</u>	<u>4.00</u>	MSI	024140-01	5/21/2026
pH 7.00a	<u>7.01</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>Y</u>	<u>7.00</u>	MSI	024145-01	5/29/2026
pH 10.00a	<u>9.96</u>	s.u.	±0.1 s.u.	<u>P</u>	<u>N</u>	<u>NA</u>	MSI	024072-02	3/21/2026
SC Zero (DI)	<u>2</u>	µS/cm	0<25 µS/cm	<u>P</u>	<u>N</u>	<u>1</u>	Pace Labs	N/A (DI)	N/A (DI)
SC 2000	<u>2032</u>	µS/cm	±5%	<u>P</u>	<u>N</u>	<u>1</u>	Proactive	4GJ1615	Oct-25
ORP	<u>231</u>	mV	±15 mV	<u>P</u>	<u>N</u>	<u>1</u>	In-Situ	5GC1058	Dec-25
DO (Zero pt)	<u>0</u>	mg/L	±0.1	<u>P</u>	<u>N</u>	<u>1</u>	Macron	#000228049	8/26/2025
DO (Saturated)	<u>98.2</u>	%	97-100%	<u>P</u>	<u>N</u>	<u>1</u>	Pace Labs	N/A (DI)	N/A (DI)
Turbidity (DI)	<u>0</u>	NTU	<2 NTU	<u>P</u>	<u>N</u>	<u>NA</u>	Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
ICV (Initial Calibration Verification)				Time: <u>1030</u>					
Buffer	Check Value	Units	Range	Pass/Fail	Action Taken?	Manufacturer	Lot#	Exp.	
pH 4.00b	<u>4.01</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>NA</u>	Proactive	5GD0333	Apr-27	
pH 7.00b	<u>7.08</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>1</u>	Proactive	5GC1678	Mar-27	
pH 10.00b	<u>10.11</u>	s.u.	±0.15 s.u.	<u>P</u>	<u>1</u>	Proactive	5GC1614	Mar-27	
SC 1000	<u>982</u>	µS/cm	±5%	<u>P</u>	<u>NA</u>	Reagents	8405243	Jun-26	
Approx. every 8 hrs, unless only one well									
CCV (Continued Calibration Verification):				Time:					
Buffer	Check Value	Units	Range	Pass/Fail	Calibrate?	Adjusted Reading	Manufacturer	Lot#	Exp.
pH 4.00a		s.u.	±0.1 s.u.				MSI	024140-01	5/21/2026
pH 7.00a		s.u.	±0.1 s.u.				MSI	024145-01	5/29/2026
pH 10.00a		s.u.	±0.1 s.u.				MSI	024072-02	3/21/2026
SC 1000		µS/cm	±5%				Reagents	8405243	Jun-26
DO (Zero pt)		mg/L	±0.1 mg/L				Macron	#000228049	8/26/2025
Turbidity (DI)		NTU	<2 NTU				Pace Labs	N/A (DI)	N/A (DI)
Approx. every 8 hrs, unless only one well									
Comments: <u>only one well sampled</u>									
Signature: <u>[Signature]</u>				Date: <u>7-18-2025</u>					

**ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 3, 2025**

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
845 QUARTERLY REPORT
DUCK CREEK POWER PLANT
GMF POND
CANTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
G54L	PMP	E010	Antimony, total	mg/L	04/14/21 - 07/09/25	18	100	All ND - Last	0.003	0.003
G54L	PMP	E010	Arsenic, total	mg/L	04/14/21 - 07/09/25	18	0	CB around linear reg	-0.00166	0.00920
G54L	PMP	E010	Barium, total	mg/L	04/14/21 - 07/09/25	18	0	CB around linear reg	0.2	0.280
G54L	PMP	E010	Beryllium, total	mg/L	04/14/21 - 07/09/25	18	100	All ND - Last	0.001	0.001
G54L	PMP	E010	Boron, total	mg/L	04/14/21 - 07/09/25	19	21	CI around geomean	0.013	0.210
G54L	PMP	E010	Cadmium, total	mg/L	04/14/21 - 07/09/25	18	100	All ND - Last	0.001	0.001
G54L	PMP	E010	Chloride, total	mg/L	04/14/21 - 07/10/25	19	0	CB around linear reg	56.8	17.0
G54L	PMP	E010	Chromium, total	mg/L	04/14/21 - 07/09/25	18	94	CI around median	0.004	0.00590
G54L	PMP	E010	Cobalt, total	mg/L	04/14/21 - 07/09/25	18	67	CB around T-S line	0.000386	0.002
G54L	PMP	E010	Fluoride, total	mg/L	04/14/21 - 07/10/25	19	90	CI around median	0.25	0.498
G54L	PMP	E010	Lead, total	mg/L	04/14/21 - 07/09/25	18	100	All ND - Last	0.001	0.0150
G54L	PMP	E010	Lithium, total	mg/L	04/14/21 - 07/09/25	18	100	All ND - Last	0.02	0.02
G54L	PMP	E010	Mercury, total	mg/L	04/14/21 - 07/09/25	18	94	CI around median	0.0002	0.000980
G54L	PMP	E010	Molybdenum, total	mg/L	04/14/21 - 07/09/25	18	50	CI around median	0.001	0.00230
G54L	PMP	E010	pH (field)	SU	04/14/21 - 07/09/25	25	0	CI around median	6.5/6.6	6.6/7.4
G54L	PMP	E010	Radium 226 + Radium 228, total	pCi/L	04/14/21 - 07/09/25	18	0	CI around mean	0.465	2.00
G54L	PMP	E010	Selenium, total	mg/L	04/14/21 - 07/09/25	18	100	All ND - Last	0.001	0.00120
G54L	PMP	E010	Sulfate, total	mg/L	04/14/21 - 07/10/25	19	0	CB around linear reg	121	55.0
G54L	PMP	E010	Thallium, total	mg/L	04/14/21 - 07/09/25	18	100	All ND - Last	0.001	0.001
G54L	PMP	E010	Total Dissolved Solids	mg/L	04/14/21 - 07/10/25	25	0	CB around linear reg	875	483
G54S	UA	E010	Antimony, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.003	0.003
G54S	UA	E010	Arsenic, total	mg/L	12/04/15 - 07/07/25	18	22	CI around geomean	0.00111	0.00920
G54S	UA	E010	Barium, total	mg/L	12/04/15 - 07/07/25	18	0	CI around mean	0.21	0.280
G54S	UA	E010	Beryllium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.001	0.001
G54S	UA	E010	Boron, total	mg/L	12/04/15 - 07/07/25	32	0	CI around mean	0.0312	0.210
G54S	UA	E010	Cadmium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.001	0.001
G54S	UA	E010	Chloride, total	mg/L	12/04/15 - 07/07/25	30	7	CB around linear reg	3.98	17.0

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GMF POND
CANTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
G54S	UA	E010	Chromium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.004	0.00590
G54S	UA	E010	Cobalt, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.002	0.002
G54S	UA	E010	Fluoride, total	mg/L	12/04/15 - 07/07/25	31	81	CI around median	0.25	0.498
G54S	UA	E010	Lead, total	mg/L	12/04/15 - 07/07/25	18	94	CI around median	0.001	0.0150
G54S	UA	E010	Lithium, total	mg/L	12/04/15 - 07/07/25	18	83	CB around T-S line	0.01	0.02
G54S	UA	E010	Mercury, total	mg/L	12/04/15 - 07/07/25	18	89	CI around median	0.0002	0.000980
G54S	UA	E010	Molybdenum, total	mg/L	12/04/15 - 07/07/25	18	17	CB around T-S line	0.000816	0.00230
G54S	UA	E010	pH (field)	SU	12/04/15 - 07/07/25	40	0	CB around T-S line	6.6/6.7	6.6/7.4
G54S	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/04/15 - 07/07/25	18	0	CI around geomean	0.502	2.00
G54S	UA	E010	Selenium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.001	0.00120
G54S	UA	E010	Sulfate, total	mg/L	12/04/15 - 07/07/25	30	0	CB around T-S line	27.6	55.0
G54S	UA	E010	Thallium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.001	0.001
G54S	UA	E010	Total Dissolved Solids	mg/L	12/04/15 - 07/07/25	38	0	CI around mean	519	483
G57S	UA	E010	Antimony, total	mg/L	12/04/15 - 07/08/25	18	94	CI around median	0.003	0.003
G57S	UA	E010	Arsenic, total	mg/L	12/04/15 - 07/08/25	18	100	All ND - Last	0.001	0.00920
G57S	UA	E010	Barium, total	mg/L	12/04/15 - 07/08/25	18	0	CB around linear reg	0.183	0.280
G57S	UA	E010	Beryllium, total	mg/L	12/04/15 - 07/08/25	18	94	CI around median	0.001	0.001
G57S	UA	E010	Boron, total	mg/L	12/04/15 - 07/08/25	31	52	CI around median	0.01	0.210
G57S	UA	E010	Cadmium, total	mg/L	12/04/15 - 07/08/25	18	94	CI around median	0.001	0.001
G57S	UA	E010	Chloride, total	mg/L	12/04/15 - 07/08/25	31	0	CI around median	18	17.0
G57S	UA	E010	Chromium, total	mg/L	12/04/15 - 07/08/25	18	100	All ND - Last	0.004	0.00590
G57S	UA	E010	Cobalt, total	mg/L	12/04/15 - 07/08/25	18	100	All ND - Last	0.002	0.002
G57S	UA	E010	Fluoride, total	mg/L	12/04/15 - 07/08/25	32	47	CI around median	0.25	0.498
G57S	UA	E010	Lead, total	mg/L	12/04/15 - 07/08/25	18	83	CI around median	0.001	0.0150
G57S	UA	E010	Lithium, total	mg/L	12/04/15 - 07/08/25	18	100	All ND - Last	0.02	0.02
G57S	UA	E010	Mercury, total	mg/L	12/04/15 - 07/08/25	18	100	All ND - Last	0.0002	0.000980
G57S	UA	E010	Molybdenum, total	mg/L	12/04/15 - 07/08/25	18	89	CI around median	0.001	0.00230

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GMF POND
CANTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
G57S	UA	E010	pH (field)	SU	12/04/15 - 07/08/25	38	0	CB around linear reg	6.5/6.8	6.6/7.4
G57S	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/04/15 - 07/08/25	18	0	CI around mean	0.309	2.00
G57S	UA	E010	Selenium, total	mg/L	12/04/15 - 07/08/25	18	100	All ND - Last	0.001	0.00120
G57S	UA	E010	Sulfate, total	mg/L	12/04/15 - 07/08/25	30	0	CB around linear reg	46.4	55.0
G57S	UA	E010	Thallium, total	mg/L	12/04/15 - 07/08/25	18	94	CI around median	0.001	0.001
G57S	UA	E010	Total Dissolved Solids	mg/L	12/04/15 - 07/08/25	38	0	CB around linear reg	828	483
G60L	PMP	E010	Antimony, total	mg/L	04/14/21 - 07/16/25	18	100	All ND - Last	0.003	0.003
G60L	PMP	E010	Arsenic, total	mg/L	04/14/21 - 07/16/25	18	94	CI around median	0.001	0.00920
G60L	PMP	E010	Barium, total	mg/L	04/14/21 - 07/16/25	18	0	CB around T-S line	0.0257	0.280
G60L	PMP	E010	Beryllium, total	mg/L	04/14/21 - 07/16/25	18	100	All ND - Last	0.001	0.001
G60L	PMP	E010	Boron, total	mg/L	04/14/21 - 07/16/25	19	0	CI around geomean	0.0251	0.210
G60L	PMP	E010	Cadmium, total	mg/L	04/14/21 - 07/16/25	18	94	CI around median	0.001	0.001
G60L	PMP	E010	Chloride, total	mg/L	04/14/21 - 07/16/25	19	0	CB around linear reg	4.62	17.0
G60L	PMP	E010	Chromium, total	mg/L	04/14/21 - 07/16/25	18	89	CI around median	0.004	0.00590
G60L	PMP	E010	Cobalt, total	mg/L	04/14/21 - 07/16/25	20	10	CB around T-S line	0.00623	0.002
G60L	PMP	E010	Fluoride, total	mg/L	04/14/21 - 07/16/25	19	100	All ND - Last	0.25	0.498
G60L	PMP	E010	Lead, total	mg/L	04/14/21 - 07/16/25	18	83	CI around median	0.001	0.0150
G60L	PMP	E010	Lithium, total	mg/L	04/14/21 - 07/16/25	18	100	All ND - Last	0.02	0.02
G60L	PMP	E010	Mercury, total	mg/L	04/14/21 - 07/16/25	18	100	All ND - Last	0.0002	0.000980
G60L	PMP	E010	Molybdenum, total	mg/L	04/14/21 - 07/16/25	18	94	Most recent sample	0.001	0.00230
G60L	PMP	E010	pH (field)	SU	04/14/21 - 07/16/25	27	0	CI around median	6.1/6.2	6.6/7.4
G60L	PMP	E010	Radium 226 + Radium 228, total	pCi/L	04/14/21 - 07/16/25	18	0	CI around mean	0.387	2.00
G60L	PMP	E010	Selenium, total	mg/L	04/14/21 - 07/16/25	18	100	All ND - Last	0.001	0.00120
G60L	PMP	E010	Sulfate, total	mg/L	04/14/21 - 07/16/25	19	5	CI around mean	157	55.0
G60L	PMP	E010	Thallium, total	mg/L	04/14/21 - 07/16/25	18	100	All ND - Last	0.001	0.001
G60L	PMP	E010	Total Dissolved Solids	mg/L	04/14/21 - 07/16/25	25	0	CI around mean	531	483
G60S	UA	E010	Antimony, total	mg/L	12/04/15 - 07/16/25	18	100	All ND - Last	0.003	0.003

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GMF POND
CANTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
G60S	UA	E010	Arsenic, total	mg/L	12/04/15 - 07/16/25	18	17	CI around geomean	0.00156	0.00920
G60S	UA	E010	Barium, total	mg/L	12/04/15 - 07/16/25	18	0	CI around geomean	0.147	0.280
G60S	UA	E010	Beryllium, total	mg/L	12/04/15 - 07/16/25	18	100	All ND - Last	0.001	0.001
G60S	UA	E010	Boron, total	mg/L	12/04/15 - 07/16/25	33	6	CI around geomean	0.0166	0.210
G60S	UA	E010	Cadmium, total	mg/L	12/04/15 - 07/16/25	18	100	All ND - Last	0.001	0.001
G60S	UA	E010	Chloride, total	mg/L	12/04/15 - 07/16/25	31	0	CB around T-S line	3.86	17.0
G60S	UA	E010	Chromium, total	mg/L	12/04/15 - 07/16/25	18	56	CI around median	0.004	0.00590
G60S	UA	E010	Cobalt, total	mg/L	12/04/15 - 07/16/25	18	78	CI around median	0.002	0.002
G60S	UA	E010	Fluoride, total	mg/L	12/04/15 - 07/16/25	32	56	CB around T-S line	0.207	0.498
G60S	UA	E010	Lead, total	mg/L	12/04/15 - 07/16/25	18	50	CI around median	0.001	0.0150
G60S	UA	E010	Lithium, total	mg/L	12/04/15 - 07/16/25	18	83	CB around T-S line	0.01	0.02
G60S	UA	E010	Mercury, total	mg/L	12/04/15 - 07/16/25	18	100	All ND - Last	0.0002	0.000980
G60S	UA	E010	Molybdenum, total	mg/L	12/04/15 - 07/16/25	18	44	CI around median	0.001	0.00230
G60S	UA	E010	pH (field)	SU	12/04/15 - 07/16/25	39	0	CI around mean	6.7/6.8	6.6/7.4
G60S	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/04/15 - 07/16/25	18	0	CI around geomean	0.876	2.00
G60S	UA	E010	Selenium, total	mg/L	12/04/15 - 07/16/25	18	89	CI around median	0.001	0.00120
G60S	UA	E010	Sulfate, total	mg/L	12/04/15 - 07/16/25	32	0	CI around median	67	55.0
G60S	UA	E010	Thallium, total	mg/L	12/04/15 - 07/16/25	18	100	All ND - Last	0.001	0.001
G60S	UA	E010	Total Dissolved Solids	mg/L	12/04/15 - 07/16/25	39	0	CI around median	560	483
G64L	PMP	E010	Antimony, total	mg/L	05/15/23 - 07/07/25	10	100	All ND - Last	0.003	0.003
G64L	PMP	E010	Arsenic, total	mg/L	05/15/23 - 07/07/25	10	80	CI around median	0.001	0.00920
G64L	PMP	E010	Barium, total	mg/L	05/15/23 - 07/07/25	10	0	CI around mean	0.0951	0.280
G64L	PMP	E010	Beryllium, total	mg/L	05/15/23 - 07/07/25	10	100	All ND - Last	0.001	0.001
G64L	PMP	E010	Boron, total	mg/L	01/11/23 - 07/07/25	11	46	CI around median	0.01	0.210
G64L	PMP	E010	Cadmium, total	mg/L	05/15/23 - 07/07/25	10	100	All ND - Last	0.001	0.001
G64L	PMP	E010	Chloride, total	mg/L	01/11/23 - 07/07/25	11	18	CI around mean	2.04	17.0
G64L	PMP	E010	Chromium, total	mg/L	05/15/23 - 07/07/25	10	80	CI around median	0.004	0.00590

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
G64L	PMP	E010	Cobalt, total	mg/L	05/15/23 - 07/07/25	10	100	All ND - Last	0.002	0.002
G64L	PMP	E010	Fluoride, total	mg/L	01/11/23 - 07/07/25	11	36	CI around median	0.25	0.498
G64L	PMP	E010	Lead, total	mg/L	05/15/23 - 07/07/25	10	80	CI around median	0.001	0.0150
G64L	PMP	E010	Lithium, total	mg/L	05/15/23 - 07/07/25	10	100	All ND - Last	0.02	0.02
G64L	PMP	E010	Mercury, total	mg/L	05/15/23 - 07/07/25	10	100	All ND - Last	0.0002	0.000980
G64L	PMP	E010	Molybdenum, total	mg/L	05/15/23 - 07/07/25	10	50	CI around median	0.001	0.00230
G64L	PMP	E010	pH (field)	SU	05/21/21 - 07/07/25	18	0	CI around geomean	6.8/7.1	6.6/7.4
G64L	PMP	E010	Radium 226 + Radium 228, total	pCi/L	05/15/23 - 07/07/25	10	0	CI around mean	0.277	2.00
G64L	PMP	E010	Selenium, total	mg/L	05/15/23 - 07/07/25	10	100	All ND - Last	0.001	0.00120
G64L	PMP	E010	Sulfate, total	mg/L	01/11/23 - 07/07/25	11	0	CI around mean	27	55.0
G64L	PMP	E010	Thallium, total	mg/L	05/15/23 - 07/07/25	10	100	All ND - Last	0.001	0.001
G64L	PMP	E010	Total Dissolved Solids	mg/L	05/21/21 - 07/07/25	18	0	CI around mean	560	483
G64S	UA	E010	Antimony, total	mg/L	12/04/15 - 07/07/25	18	94	CI around median	0.003	0.003
G64S	UA	E010	Arsenic, total	mg/L	12/04/15 - 07/07/25	18	28	CB around linear reg	0.000141	0.00920
G64S	UA	E010	Barium, total	mg/L	12/04/15 - 07/07/25	18	0	CB around linear reg	0.14	0.280
G64S	UA	E010	Beryllium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.001	0.001
G64S	UA	E010	Boron, total	mg/L	12/04/15 - 07/07/25	31	3	CI around geomean	0.0156	0.210
G64S	UA	E010	Cadmium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.001	0.001
G64S	UA	E010	Chloride, total	mg/L	12/04/15 - 07/07/25	30	7	CI around geomean	3.17	17.0
G64S	UA	E010	Chromium, total	mg/L	12/04/15 - 07/07/25	18	94	CI around median	0.004	0.00590
G64S	UA	E010	Cobalt, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.002	0.002
G64S	UA	E010	Fluoride, total	mg/L	12/04/15 - 07/07/25	32	25	CI around mean	0.287	0.498
G64S	UA	E010	Lead, total	mg/L	12/04/15 - 07/07/25	18	72	CB around T-S line	-0.000937	0.0150
G64S	UA	E010	Lithium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.02	0.02
G64S	UA	E010	Mercury, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.0002	0.000980
G64S	UA	E010	Molybdenum, total	mg/L	12/04/15 - 07/07/25	18	11	CI around mean	0.00112	0.00230
G64S	UA	E010	pH (field)	SU	12/04/15 - 07/07/25	39	0	CI around median	6.8/7.0	6.6/7.4

ATTACHMENT C.
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GMF POND
CANTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
G64S	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/04/15 - 07/07/25	18	0	CI around mean	0.548	2.00
G64S	UA	E010	Selenium, total	mg/L	12/04/15 - 07/07/25	18	94	CI around median	0.001	0.00120
G64S	UA	E010	Sulfate, total	mg/L	12/04/15 - 07/07/25	30	0	CB around linear reg	21	55.0
G64S	UA	E010	Thallium, total	mg/L	12/04/15 - 07/07/25	18	100	All ND - Last	0.001	0.001
G64S	UA	E010	Total Dissolved Solids	mg/L	12/04/15 - 07/07/25	37	0	CI around median	420	483

Notes:

Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value

Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) as part of Illinois Power Resources Generating, LLC’s (IPRG’s) operating permit application for the GMF Pond. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, IPRG has not identified any actual exceedances.

Events:

E010 = Quarter 3, 2025 sampling event

HSU = hydrostratigraphic unit:

PMP = Potential Migration Pathway

UA = Uppermost Aquifer

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

Sample Count = number of samples from Sampled Date Range used to calculate the Statistical Result

Statistical Calculation = method used to calculate the statistical result:

All ND - Last = All results were below the reporting limit, and the last determined reporting limit is shown.

CB around linear reg = Confidence band around linear regression

CB around T-S line = Confidence band around Thiel-Sen line

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

Most recent sample = Result for the most recently collected sample used due to insufficient data.

Statistical Result = calculated in accordance with the Statistical Analysis Plan using constituent concentrations observed at each monitoring well during all sampling events within the specified date range

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.

NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.

NS³ = The location was not accessible; therefore, a sample was not collected.

NS⁴ = The location could not be found; therefore, a sample was not collected.

NS⁵ = The location was damaged; therefore, a sample was not collected.

NS⁶ = Sampling pump could not yield a sample.

NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.

NS⁸ = A sample was not collected.

PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.

For pH, the values presented are the lower / upper limits of the background determination