STATE OF COLORADO

Lennberg - DNR, Patrick <patrick.lennberg@state.co.us>

TR-10 Q4 2025 Water Quality Report (Permit M-1977-410)

Rmittasch@nedmining.com <Rmittasch@nedmining.com> Sat, Jan 31, 2026 at 12:19 PM
To: "Lennberg - DNR, Patrick" <patrick.lennberg@state.co.us>, Jean Paul Brewer <jpbrewer@nedmining.com>
Cc: John Rinko <johnrinko@yahoo.com>, Brooke Molson Moran <bmolsonm@g.emporia.edu>

Dear Mr. Lennberg,

I am writing to submit the Fourth Quarter 2025 Groundwater, Mine Effluent, Surface Water, and Treatment Plant Effluent Quality Report, compliant with the terms of Technical Revision #10 (TR-10) for Permit No. M-1977-410.

The attached report (dated January 30, 2026) summarizes the Q4 2025 monitoring results associated with the December 11–12, 2025 sampling event, including groundwater and mine effluent results, surface water observations, and the treatment plant effluent reporting (including applicable Outfall 001 documentation).

Please confirm receipt at your convenience. If you have any questions, or if DRMS requires any additional information or a hard-copy submittal, please let me know.

Sincerely,

Richard Mittasch, Vice President

Nederland Mining Consultants, Inc.

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4415 Caribou Rd, PO Box 3395, Nederland, CO 80466

TR-10 FOURTH QUARTER 2025 - v1.pdf
9656K

FOURTH QUARTER 2025

GROUNDWATER, MINE EFFLUENT, SURFACE WATER AND TREATMENT PLANT EFFLUENT QUALITY

REPORT COMPLIANT WITH THE TERMS OF TECHNICAL REVISION #10 (TR10)

Prepared by Grand Island Resources

JANUARY 30, 2026

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1. Background

On April 28, 2022, the Division of Reclamation, Mining and Safety (Division) approved Technical Revision application (TR10) filed with the Division on February 28, 2022, addressing the following: ***Modify the water management and treatment program and provide a surface water and groundwater monitoring program (in accordance with corrective action #1 of the Board Order issued for Violation No. MV-2021-017)***.

The terms of TR10 approved by the Division were thereby incorporated into Permit No. M-1977-410. All other conditions and requirements of Permit No. M-1977-410 remain in full force and effect. Grand Island Resources (The Operator) will need to provide five consecutive quarters of groundwater monitoring data that include all sampling parameters and standards required by ***WQCC's "Interim Narrative Standard".*** At the time of issuance or this Quarterly Report, the Operator has collected and has analyzed, via third party laboratory, site waters from 7 monitoring locations, from May 2022 through December of 2025.

Water effluent from the mines is currently managed via the Treatment System into Coon Track Creek under CDPHE Water Quality Control Division (WQCD) National Pollutant Discharge Elimination System NPDES permit CO-0032751. Compliance samples from the Water Treatment System OUTFALL-001 are collected and tested twice per month; the results are submitted to CDPHE.

Technical Revision 10 (TR10) terms require The Operator to submit to DRMS Quarterly Water Monitoring Reports not later than 30 days from the end of the quarter.

GIR appeared before the MLR Board on January 18, 2023, where GIR presented testimony to the Board and requested to lift the Cease-and-Desist Order put into place during the February 2022 Board hearing for violation M2021-017. On March 13, 2023, the signed Board Order was issued which lifted the Cease-and-Desist Order for the site.

During the MLR Board January 2023 hearing, GIR withdrew the appeal of the Division's determination that the Cross Gold Mine was a designated mining operation (DMO). The due date for submitting the DMO Conversion Application was set to July 17, 2023, i.e., 180 days from the hearing date. GIR submitted to DRMS, a one-year extension request to the maximum allowed by Rule 7.2.3(2)(c). The extension request was approved by DRMS on March 1, 2023, which includes several stipulations including Stipulation #2 which states that all groundwater monitoring and reporting will continue as approved in Technical Revision

10 (TR10). This includes a written request for approval by GIR and approval by DRMS process whereby GIR will issue requests for approval letters to DRMS describing planned underground activities, objectives, methods, expected disturbance, and impacts prevention mechanisms prior to commencement of the activities. Upon receiving written approval by DRMS, GIR will implement the actions.
The quarterly reports must include:

1.1. Analytical results for the 7 sampling locations described in Technical Revision #10 (TR10 - Figure 6),
1.2. Monthly Potentiometric Surface (water table) maps constructed from water table measurements taken during the sampling events. Figures 42, 43 and 44 depict surfaces for the months of October, November and December 2025, respectively,
1.3. Water Quality analytical results summary tables highlighting exceedances of select parameters from Regulation 41, Tables 1-4 water quality standards,
1.4. Laboratory data packages,
1.5. Chain of Custody sheets,
1.6. Field sheets for the sampling event(s).

On December 22, 2023, GIR requested a one-year extension for the filing of Designated Mining Operation (DMO) application. A Formal Public Hearing before the Board was scheduled for the Board meeting of January 17-18, 2024.

On January 17, 2024, the Board granted GIR's request extending the DMO application filing by 365 days.

On April 15, 2024, the Board issued to the Operator written confirmation of the Findings of Fact, Conclusion of Law, and Order and Board Order document signed by the Board on April 11, 2024.

On January 31, 2024, GIR submitted to DRMS a request to Modify Water Sample Collection Frequency and Locations, Identified as Technical Revision 14 (TR-14), as follows:

Adjustment to Sampling Frequency

The Operator requests that the current sample collection is adjusted from Monthly Sampling to Once per Quarter Sampling.

Adjustment to Sampling Points

The Operator requests that the current 7 sample collection points (3 groundwater wells [Cross, Caribou and Compliance], 2 mine effluent points [Cross and Caribou Portals] and 2 surface water stations [one upstream and one downstream of the mine site], are adjusted to a single sample point for the site located at the Compliance Well.

On February 5, 2024, DRMS issued to GIR a partial approval of TR-14 addressing the request to change the sampling frequency at the site from monthly to quarterly. DRMS did not approve the request to reduce

the number of sampling locations from seven (7) locations to one (1) location.

Resulting from TR-14 partial approval, the samples collected by GIR on December 11 (Portal sampling) and December 12 (Well sampling) 2025, serves as the sample for the Fourth Quarter 2025 subject of this report. The results for groundwater are provided on Table 2.1.1.

On August 27, 2024, GIR submitted to the Division of Reclamation, Mining and Safety (Division/DRMS) a request for Technical Revision 15 (TR-15) to reduce the analyte list for surface water, mine effluent and groundwater samples collected on a quarterly basis at the Cross Gold Mine.

On September 10, 2024, DRMS issued to GIR a Preliminary Adequacy Review; Technical Revision (TR-15) – Request to Reduce the Surface Water, Mine Effluent and Groundwater Sampling Analyte List; indicating that the application for TR-15 may be deemed inadequate and denied unless the following item is addressed to the Division's satisfaction.

> 1. Please provide updated tables for Surface Water and Groundwater and Effluent Testing Parameters that reflect what the Operator would be analyzing samples for once the requested reduction of analytes is approved.

On September 11, 2024, GIR provided DRMS with the requested tables for Surface Water and Groundwater and Effluent Testing Parameters that reflect what the Operator would be analyzing samples for once the requested reduction of analytes is approved.

On September 12, 2024, the Division approved TR-15.

The testing of Surface Water, Groundwater and Effluent for the Fourth Quarter of 2025 (December 11, 12 2025) reflects the approved TR-15 Analyte List.

On December 12, 2024, GIR submitted to DRMS the Designated Mining Operation Application.

2. Ground Water Monitoring

Three groundwater monitoring locations corresponding to existing ground water wells, namely, Cabin Well (Compliance), Cross Well and Caribou Well were selected by DRMS for the program. All 3 wells have permanent pumping system installations and water level dataloggers. Water samples for water quality determination are collected via the existing permanent pumping systems.

2.1. Water Quality Analytical Results

Test results from water samples collected from the three monitoring wells are presented on Table 2.1.1 corresponding to the month of December 2025. The results are presented as required and in accordance with the revised Analytical Parameters approved by DRMS as described in the preceding paragraph, the test results are compared with the most stringent concentrations (Standard) based on DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT Water Quality Control Commission REGULATION NO. 41 -THE BASIC STANDARDS FOR GROUNDWATER 5 CCR 1002-41. Water Quality Analytical Results from the Laboratories are provided in the appendices of this report.

Table 2.1.1 Groundwater Quality Test Results – Sample Date December 12, 2025

Sample Collected on:	December 12, 2025							
Parameter	Standard	Cross Well	Caribou Well	Caribou Well Duplica	Compliance Well	Field Blank	Unit	Comments
Aluminum (Al)	**5**	ND	ND	ND	ND	ND	mg/l	Dissolved
Antimony (Sb)	**0.006**	ND	ND	ND	ND	ND	mg/l	Dissolved
Arsenic (As)	**0.01**	ND	ND	ND	ND	ND	mg/l	Dissolved
Barium (Ba)	**2**	0.029	0.0061	0.0061	0.045	ND	mg/l	Dissolved
Beta and Photon Emitters	**4**	1.40	0.822	1.27	1.33	0.434	pCi/l	Std is in mrem/year; Lab reports pCi/l
Boron (B)	**0.75**	ND	ND	ND	ND	ND	mg/l	Dissolved
Cadmium (Cd)	**0.005**	ND	ND	ND	ND	ND	mg/l	Dissolved
Chloride (Cl)	**250**	3.9	ND	ND	3.0	ND	mg/l	Dissolved
Copper (Cu)	**0.2**	0.0020	0.0063	0.0062	ND	ND	mg/l	Dissolved
Gross Alpha Particle Activity	**15**	0.366	0.511	0.534	0.339	0.612	pCi/l	
Iron (Fe)	**0.3**	ND	ND	ND	ND	ND	mg/l	Dissolved
Lead (Pb)	**0.05**	ND	ND	ND	ND	ND	mg/l	Dissolved
Manganese (Mn)	**0.05**	ND	ND	ND	0.0079	ND	mg/l	Dissolved
Molybdenum (Mo)	**0.21**	0.00054	ND	ND	0.0054	ND	mg/l	Dissolved
Nitrate (NO3)	**10.0**	0.38	0.17	0.17	0.33	ND	mg/l as N	Dissolved
Nitrate-Nitrite (total)	**10.0**	0.38	0.091	0.094	0.33	ND	mg/l as N	Dissolved
pH (field)	**6.5 - 8.5**	7.0	6.6	6.6	7.2	n/a	pH units	
Sulfate (SO4)	**250**	9.2	2.3	2.2	11	1.4	mg/l	Dissolved
TDS	**400**	90	37	36	92	ND	mg/l	Total
Uranium (U)	**0168 -0.03**	ND	ND	ND	ND	ND	mg/l	Dissolved
Zinc (Zn)	**2**	0.49	0.032	0.035	0.10	ND	mg/l	Dissolved
The highlighted cells Indicate Test Results Higher than the Reference Values from Reg. 5 CCR 1002-41								
"ND" Indicates Not Detected								

2.2. Groundwater Levels and Potentiometric Water Surface

Potentiometric Figures were developed based on recorded (automated dataloggers) groundwater levels at each of the three monitoring wells. The Cross Winze water levels are also included.

Tables 2.2.1 - October, 2.2.2 November, and 2.2.3 December, provide date and groundwater elevations. The groundwater elevations shown on the tables were used to develop the potentiometric water surfaces depicted on Figures 42, 43, and 44 for the month of October, November, and December 2025, respectively.

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Table 2.2.1 Wells and Winze Groundwater Elevation – October 2025

Groundwater Elevation - October		
WELL	COLLAR ELEV	10/12/2025
	Ft. AMSL	
Caribou	9744.25	9717.15
Compliance	9677.35	9638.05
Cross	9692.85	9663.85
Winze	9697.48	9610.79

Table 2.2.2 Wells and Winze Groundwater Elevation – November 2025

Groundwater Elevation -November		
WELL	COLLAR ELEV	11/12/2025
	Ft. AMSL	
Caribou	9744.25	9716.15
Compliance	9677.35	9637.85
Cross	9692.85	9661.75
Winze	9697.48	9595.72

Table 2.2.3 Wells and Winze Groundwater Elevation – December 2025

Groundwater Elevation - December		
WELL	COLLAR ELEV	12/12/2025
	Ft. AMSL	
Caribou	9744.25	9714.35
Compliance	9677.35	9637.65
Cross	9692.85	9660.55
Winze	9697.48	9576.85

Figure 42 Potentiometric Water Surface – October 2025

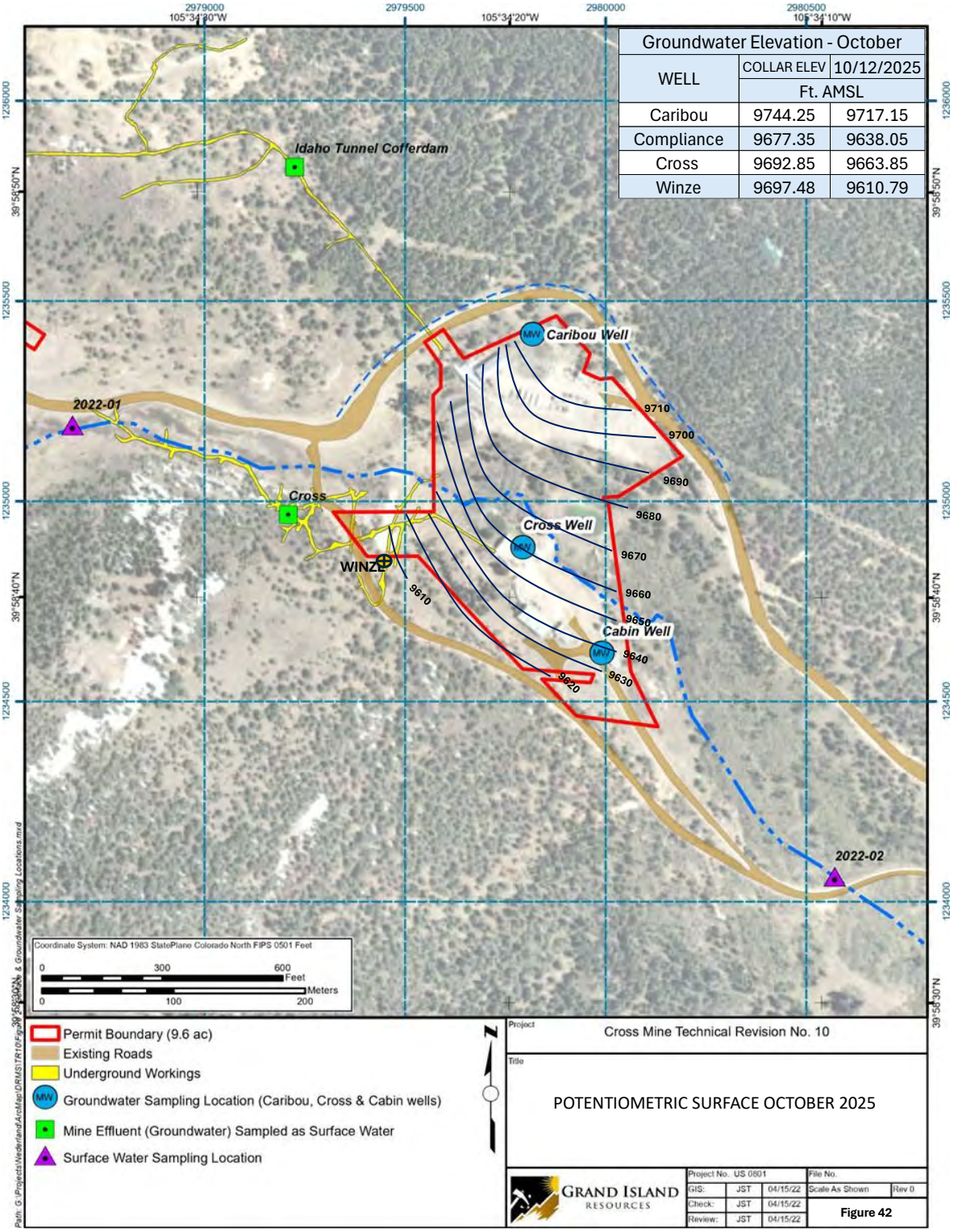


Figure 43 Potentiometric Water Surface – November 2025

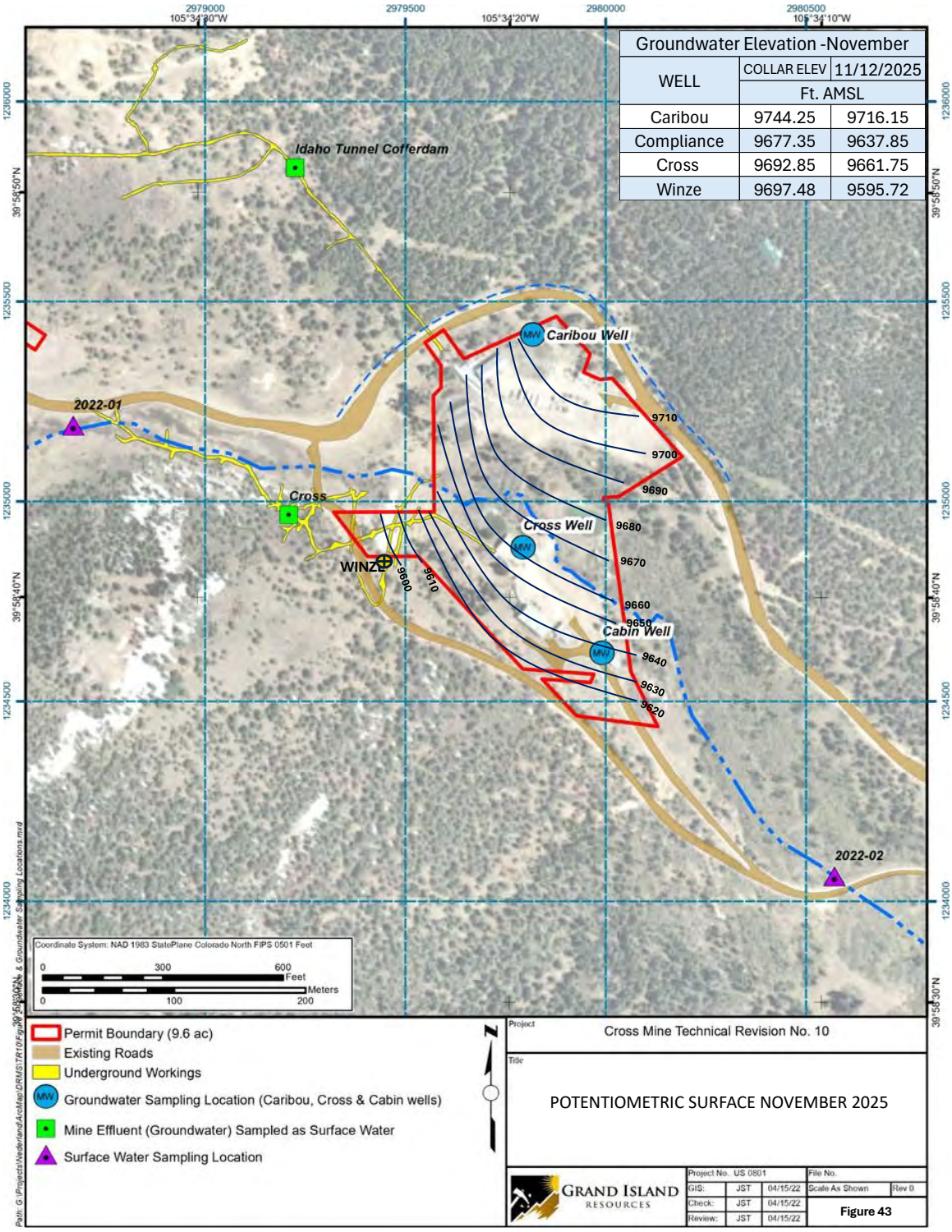
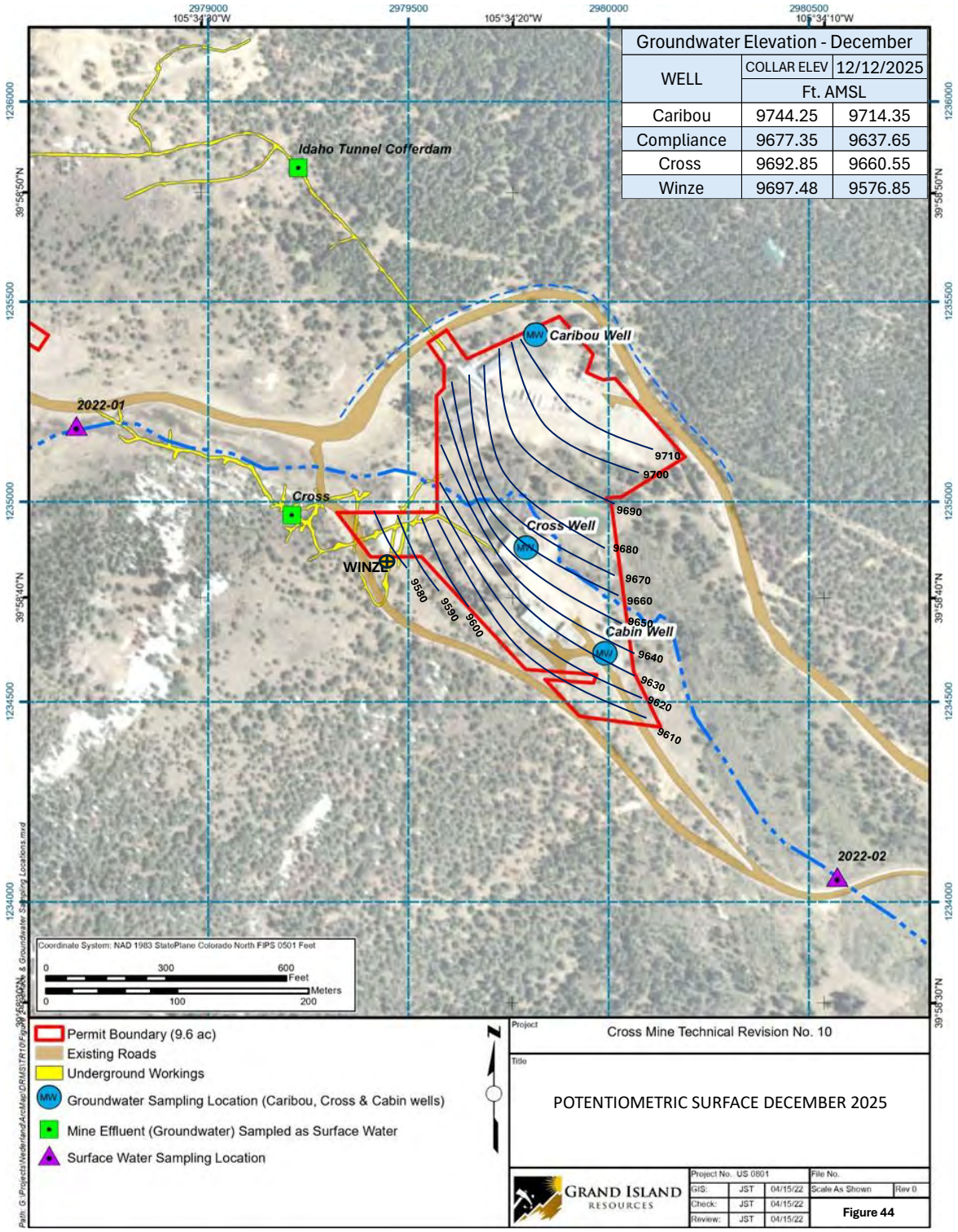


Figure 44 Potentiometric Water Surface – December 2025



3. Mine Effluent Monitoring

Two mine effluent monitoring locations corresponding to points of interest within the GIR site were selected by DRMS as part of the program. One station is in the Cross Mine and one station is in the Idaho Tunnel/Caribou Mine, namely Cross Portal and Caribou Portal, respectively. Water Quality Analytical Results are summarized in Table 3.1. for the month of December 2025. The complete Water Quality Analytical Results from the Laboratories are provided in Appendix A.

Mine effluent reports to the Water Treatment Plant and discharges via the NPDES permit CO-0032751 Outfall 001 (see Section 6 for DMR Copy of Record).

The pH of the Caribou Portal is consistently higher than the other sampling locations. These values are likely the result of documented deposits of carbonate minerals in the local geology.

Table 3.1 Effluent Quality Test Results – Sample Date December 11, 2025

Sample Collected on:	December 11, 2025					
Parameter	Standard	Cross Portal	Cross Portal Duplicate	Caribou Portal	Unit	Comments
Aluminum (Al)	**5**	ND	ND	ND	mg/l	Dissolved
Antimony (Sb)	**0.006**	0.00068	0.00061	0.00092	mg/l	Dissolved
Arsenic (As)	**0.01**	0.00096	0.00062	0.0019	mg/l	Dissolved
Barium (Ba)	**2**	0.080	0.077	0.062	mg/l	Dissolved
Beta and Photon Emitters	**4**	2.20	1.02	3.41	pCi/l	Std is in mrem/year; Lab reports pCi/l
Boron (B)	**0.75**	ND	ND	ND	mg/l	Dissolved
Cadmium (Cd)	**0.005**	0.00088	0.00099	ND	mg/l	Dissolved
Chloride (Cl)	**250**	ND	ND	ND	mg/l	Dissolved
Copper (Cu)	**0.2**	0.0018	0.0015	0.0012	mg/l	Dissolved
Gross Alpha Particle Activity	**15**	1.31	-0.189	5.03	pCi/l	
Iron (Fe)	**0.3**	ND	ND	ND	mg/l	Dissolved
Lead (Pb)	**0.05**	ND	ND	ND	mg/l	Dissolved
Manganese (Mn)	**0.05**	0.0085	0.0085	ND	mg/l	Dissolved
Molybdenum (Mo)	**0.21**	0.0070	0.0069	0.0073	mg/l	Dissolved
Nitrate (NO3)	**10.0**	0.13	ND	0.17	mg/l as N	Dissolved
Nitrate-Nitrite (total)	**10.0**	ND	ND	0.10	mg/l as N	Dissolved
pH (field)	**6.5 - 8.5**	8.3	8.3	8.7	pH units	
Sulfate (SO4)	**250**	11	11	9.1	mg/l	Dissolved
TDS	**400**	120	120	130	mg/l	Total
Uranium (U)	**0.0168 -0.03**	0.00091	0.00090	0.0059	mg/l	Dissolved
Zinc (Zn)	**2**	0.23	0.23	0.0067	mg/l	Dissolved
The highlighted cells Indicate Test Results Higher than the Reference Values from Reg. 5 CCR 1002-41						
"ND" Indicates Not Detected						

4. Surface Water Monitoring

Two surface water monitoring stations were considered by DRMS to be sufficient and adequate to characterize surface water within the basin of interest. Station 2022-01 is located upstream of the Operator's facility and Station 2022-02 is located downstream of the Operator's facility.

4.1. Water Quality Analytical Results

Surface water samples were not collected on December 11, 2025, from both surface water sampling stations because no surface water flows were observed during the sampling event.

4.2. Surface Water Flows

No Surface water flow measurements were taken during sampling event of December 12, 2025 because no surface water flows were observed at the time of the sampling event.

Table 4.1.1 Surface Water Analytical Results – December 2025

NO SURFACE WATER SAMPLES WERE COLLECTED BECAUSE NO SURFACE WATER FLOWS WERE OBSERVED

Table 4.1.2 Surface Water Flow Estimates – December 2025

NO SURFACE WATER FLOW MEASUREMENTS WERE TAKEN BECAUSE NO SURFACE WATER FLOWS WERE OBSERVED

5. Quality Management (Quality Control & Quality Assurance)

Grand Island Resources (GIR) is committed to meeting expectations pertaining to the TR10 water quality data collection including proper water sample collection and testing via a Quality Management Program which is founded on Quality Assurance aimed to prevent errors. The program incorporates, among others, Standard Operating Procedures, Sample Collection Protocols, Chains of Custody, and the selection of State Credited Testing Laboratories which have internal Quality Control and Quality Assurance Methods and Standards. Quality Control aimed to identify errors is implemented via testing of one or more of the following Field or Laboratory: Duplicate Samples, Field Blanks and Matrix Spikes.

On Monday March 13, 2023, GIR consulted with Mr. Patrick Lennberg of DRMS (via telephone) a specific deficiency noted by DRMS on their letter of March 2, 2023, requesting additional information of the GIR 1st Quarter 2022 Report; the conclusion of the review and phone conversation is that the SOP approved under TR10 states field duplicate samples will be collected side-by-side with the primary sample. The Operator shall collect one field duplicate sample for each media sampled (groundwater, effluent, and surface water), for a total of 3 duplicate samples to be collected per sampling event as committed to in TR10. GIR initiated the collection of the Field Duplicate for each media sampled on the March 2023 sampling event and will continue to do so for all sampling events going forward.

5.1. Groundwater

Trip Blank Samples were collected at the Cabin Well (Compliance) and Field Duplicate samples were collected from the Caribou Well during the December sampling event. Duplicate and Matrix Spike tests were performed for select parameters which are incorporated in the QC section of the Laboratory Report. No Rinsate samples were collected because water samples were collected from permanently installed equipment at each well.

5.2. Mine Effluent

Field Duplicate samples were collected from the Cross Portal during the December sampling event. Duplicate tests were performed for select parameters which are incorporated in the QC section of the Laboratory Report. No Rinsate samples were collected because disposable samplers were used.

5.3. Surface Water

No Field Duplicates were collected from surface water stations because no flows were observed during the December 11, 2025 sampling event.

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6. NPDES permit CO-0032751 Outfall 001

Effluent from the Cross Mine and Idaho Tunnel/Caribou Mine is collected in sumps and ponds and it is pumped to the Water Treatment Plant (subject of TR10). Treated water is released to Coon Track Creek via pipeline to Outfall-001 in accordance with CDPHE NPDES permit.

Tables 6.1, 6.2, and 6.3 present the DMR Copies of Record filed by the Operator with CDPHE for the months of October, November, and December 2025, respectively. Tables 6.4 and 6.5 present the DMR Copies of Record filed by the Operator with CDPHE for the Fourth Quarter 2025 Chronic Wet Testing and Low Level Mercury Testing, respectively.

Table 6.1 DMR October 2025

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the NPDES eReporting Help Desk for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:	CO0032751	Permittee:	Grand Island Resources LLC	Facility:	CROSS AND CARIBOU MINES
Major:	No	Permittee Address:	12567 W Cedar Dr Ste 110 Lakewood, CO 80228	Facility Location:	CROSS AND CARIBOU MINES BOULDER COUNTY, CO 80466
Permitted Feature:	001 External Outfall	Discharge:	001-A Treated Mine Water to Coon Track Creek		

Report Dates & Status

Monitoring Period:	From 10/01/25 to 10/31/25	DMR Due Date:	11/28/25	Status:	NetDMR Validated

Considerations for Form Completion

Oil and grease - see I.A.2, pg 3. 30 day average is the highest monthly average during period reported.

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample								=	7.2	=	9.0	04 - deg C		99/99 - Continuous	RC - Recorder (auto)
					Permit Req.									Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C	0	99/99 - Continuous	RC - Recorder (auto)
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.7			=	8.0	12 - SU		02/30 - Twice Per Month	GR - Grab
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	02/30 - Twice Per Month	GR - Grab
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								<	4.0	<	4.0	19 - mg/L		01/30 - Monthly	GR - Grab
					Permit Req.								<=	30.0 30DA AVG	<=	45.0 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - Grab
					Value NODI															
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample								<	2.0			28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.									Req Mon 30DA AVG			28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								<	100.0			28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.									Req Mon 30DA AVG			28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI															
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample								=	80.0	=	80.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.								<=	750.0 30DA AVG	<=	1500.0 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI															
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample								=	0.25	=	0.25	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.								<=	50.0 30DA AVG	<=	300.0 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI															
																			02/30 - Twice Per	

Table 6.1 DMR October 2025 (continued)

01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample			=	1.05	=	1.1	28 - ug/L		Month	GR - Grab
					Permit Req.			<=	300.0 30DA AVG	<=	600.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI										
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample			<	2.0	<	2.0	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.			<=	150.0 30DA AVG	<=	300.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI										
01220	Chromium, hexavalent dissolved [as Cr]	1 - Effluent Gross	0	--	Sample			<	20.0	<	20.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.				Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI										
01303	Zinc, potentially dissolved	1 - Effluent Gross	10	--	Sample			=	105.5	=	130.0	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.			<=	262.0 30DA AVG	<=	291.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI										
01304	Silver, potentially dissolved	1 - Effluent Gross	10	--	Sample					<	0.5	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.			<=	0.17 30DA AVG	<=	4.5 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI				B - Below Detection Limit/No Detection						
01306	Copper, potentially dissolved	1 - Effluent Gross	10	--	Sample			=	0.55	=	1.1	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.			<=	19.0 30DA AVG	<=	28.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI										
01309	Arsenic, potentially dissolved	1 - Effluent Gross	0	--	Sample					<	2.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.						Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI										
01313	Cadmium, potentially dissolvd	1 - Effluent Gross	10	--	Sample			=	0.39	=	0.48	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.			<=	0.89 30DA AVG	<=	3.6 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI										
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample			<	3.0			28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.				Req Mon 30DA AVG			28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI										
01318	Lead, potentially dissolvd	1 - Effluent Gross	10	--	Sample			=	0.96	=	1.2	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.			<=	5.4 30DA AVG	<=	135.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI										
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample			<	3.0	<	3.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.				Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI										
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample			<	3.0	<	3.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.				Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI										
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample			<	2.0	<	2.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.				Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI										
03582	Oil and grease	1 - Effluent Gross	0	--	Sample										
					Permit Req.					<=	10.0 INST MAX	19 - mg/L		77/77 - Contingent	GR - Grab
					Value NODI						9 - Conditional Monitoring - Not Required This Period				
04262	Chromium, trivalent total	1 - Effluent Gross	0	--	Sample			<	3.0	<	3.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.						Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab

Table 6.1 DMR October 2025 (continued)

	recoverable				Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	10	--	Sample							=	0.097029	=	0.1565	03 - MGD		99/99 - Continuous	RC - Recorder (auto)
					Permit Req.							<=	0.103 30DA AVG		Req Mon DAILY MX	03 - MGD	0	99/99 - Continuous	RC - Recorder (auto)
					Value NODI														
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample							<	1.0			19 - mg/L		01/30 - Monthly	GR - Grab
					Permit Req.								Req Mon 30DA AVG			19 - mg/L	0	01/30 - Monthly	GR - Grab
					Value NODI														
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample							<	0.2	<	0.2	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.							<=	1.0 30DA AVG	<=	2.0 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI														
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample		=	0.0	AB - abst=0;prst=1									02/30 - Twice Per Month	VI - Visual
					Permit Req.			Req Mon INST MAX	AB - abst=0;prst=1								0	02/30 - Twice Per Month	VI - Visual
					Value NODI														

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
CO0032751_Lab_2025_10_J216239-1_10-31-25.pdf	pdf	910061.0
CO0032751_Lab_2025_10_J215404-1_10-20-25.pdf	pdf	1177568.0
CO0032751_DMRoov_2025_10.pdf	pdf	191741.0

Report Last Saved By

Grand Island Resources LLC

User:	JOHNRINKO
Name:	John Rinko
E-Mail:	johnrinko@yahoo.com
Date/Time:	2025-11-28 14:06 (Time Zone: -07:00)

Report Last Signed By

User:	JOHNRINKO
Name:	John Rinko
E-Mail:	johnrinko@yahoo.com
Date/Time:	2025-11-28 14:06 (Time Zone: -07:00)

Table 6.2 DMR November 2025

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the NPDES eReporting Help Desk for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:	CO0032751	Permittee:	Grand Island Resources LLC	Facility:	CROSS AND CARIBOU MINES
Major:	No	Permittee Address:	12567 W Cedar Dr Ste 110 Lakewood, CO 80228	Facility Location:	CROSS AND CARIBOU MINES BOULDER COUNTY, CO 80466
Permitted Feature:	001 External Outfall	Discharge:	001-A Treated Mine Water to Coon Track Creek		

Report Dates & Status

Monitoring Period:	From 11/01/25 to 11/30/25	DMR Due Date:	12/28/25	Status:	NetDMR Validated

Considerations for Form Completion

Oil and grease - see I.A.2, pg 3. 30 day average is the highest monthly average during period reported.

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading						Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample								=	6.0	=	6.5	04 - deg C			99/99 - Continuous	RC - Recorder (auto)
					Permit Req.									Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C	0		99/99 - Continuous	RC - Recorder (auto)
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.8			=	8.2	12 - SU			02/30 - Twice Per Month	GR - Grab
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0		02/30 - Twice Per Month	GR - Grab
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								<	4.0	<	4.0	19 - mg/L			01/30 - Monthly	GR - Grab
					Permit Req.								<=	30.0 30DA AVG	<=	45.0 DAILY MX	19 - mg/L	0		01/30 - Monthly	GR - Grab
					Value NODI																
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample								<	2.0			28 - ug/L			01/30 - Monthly	GR - Grab
					Permit Req.									Req Mon 30DA AVG			28 - ug/L	0		01/30 - Monthly	GR - Grab
					Value NODI																
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								<	100.0			28 - ug/L			01/30 - Monthly	GR - Grab
					Permit Req.									Req Mon 30DA AVG			28 - ug/L	0		01/30 - Monthly	GR - Grab
					Value NODI																
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample								=	84.0	=	84.0	28 - ug/L			01/30 - Monthly	GR - Grab
					Permit Req.								<=	750.0 30DA AVG	<=	1500.0 DAILY MX	28 - ug/L	0		01/30 - Monthly	GR - Grab
					Value NODI																
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample								=	0.35	=	0.35	28 - ug/L			01/30 - Monthly	GR - Grab
					Permit Req.								<=	50.0 30DA AVG	<=	300.0 DAILY MX	28 - ug/L	0		01/30 - Monthly	GR - Grab
					Value NODI																
																				02/30 - Twice Per	

Table 6.2 DMR November 2025 (continued)

01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample			=	0.94	=	1.3	28 - ug/L		Month	GR - Grab
					Permit Req.			<=	300.0 30DA AVG	<=	600.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI										
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample			=	0.7	=	1.4	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.			<=	150.0 30DA AVG	<=	300.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI										
01220	Chromium, hexavalent dissolved [as Cr]	1 - Effluent Gross	0	--	Sample			<	20.0	<	20.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.				Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI										
01303	Zinc, potentially dissolved	1 - Effluent Gross	11	--	Sample			=	78.0	=	98.0	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.			<=	202.0 30DA AVG	<=	232.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI										
01304	Silver, potentially dissolved	1 - Effluent Gross	11	--	Sample					<	0.5	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.			<=	0.13 30DA AVG	<=	3.6 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI				B - Below Detection Limit/No Detection						
01306	Copper, potentially dissolved	1 - Effluent Gross	11	--	Sample			<	2.0	<	2.0	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.			<=	14.0 30DA AVG	<=	22.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI										
01309	Arsenic, potentially dissolved	1 - Effluent Gross	0	--	Sample					<	2.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.						Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI										
01313	Cadmium, potentially dissolvd	1 - Effluent Gross	11	--	Sample			=	0.32	=	0.35	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.			<=	0.69 30DA AVG	<=	2.8 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI										
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample			<	3.0			28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.				Req Mon 30DA AVG			28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI										
01318	Lead, potentially dissolvd	1 - Effluent Gross	11	--	Sample			=	0.55	=	1.1	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.			<=	4.2 30DA AVG	<=	108.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI										
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample			=	2.1	=	2.1	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.				Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI										
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample			<	3.0	<	3.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.				Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI										
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample			<	2.0	<	2.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.				Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI										
03582	Oil and grease	1 - Effluent Gross	0	--	Sample										
					Permit Req.					<=	10.0 INST MAX	19 - mg/L		77/77 - Contingent	GR - Grab
					Value NODI						9 - Conditional Monitoring - Not Required This Period				
04282	Chromium, trivalent total	1 - Effluent Gross	0	--	Sample			<	3.0	<	3.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.						Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab

Table 6.2 DMR November 2025 (continued)

	recoverable				Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	11	--	Sample						=	0.071507	=	0.1441	03 - MGD		99/99 - Continuous	RC - Recorder (auto)
					Permit Req.						<=	0.103 30DA AVG		Req Mon DAILY MX	03 - MGD	0	99/99 - Continuous	RC - Recorder (auto)
					Value NODI													
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample						<	1.0			19 - mg/L		01/30 - Monthly	GR - Grab
					Permit Req.							Req Mon 30DA AVG			19 - mg/L	0	01/30 - Monthly	GR - Grab
					Value NODI													
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample						<	0.2	<	0.2	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.						<=	1.0 30DA AVG	<=	2.0 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI													
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample		=	0.0	AB - abst=0,prst=1								02/30 - Twice Per Month	VI - Visual
					Permit Req.			Req Mon INST MAX	AB - abst=0,prst=1							0	02/30 - Twice Per Month	VI - Visual
					Value NODI													

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
CO0032751_Lab_2025_11_J217105-1_11-14-25.pdf	pdf	967900.0
CO0032751_DMRoov_2025_11.pdf	pdf	196223.0
CO0032751_Lab_2025_11_J217821-1_11-25-25.pdf	pdf	886814.0

Report Last Saved By

Grand Island Resources LLC

User:	JOHNRINKO
Name:	John Rinko
E-Mail:	johnrinko@yahoo.com
Date/Time:	2025-12-28 18:40 (Time Zone: -07:00)

Report Last Signed By

User:	JOHNRINKO
Name:	John Rinko
E-Mail:	johnrinko@yahoo.com
Date/Time:	2025-12-28 18:40 (Time Zone: -07:00)

Table 6.3 DMR December 2025

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the NPDES eReporting Help Desk for further guidance. Please note that EPA may contact you after you submit this report for more information.

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Permit

Permit #:	CO0032751	**Permittee:**	Grand Island Resources LLC	**Facility:**	CROSS AND CARIBOU MINES
Major:	No	**Permittee Address:**	12567 W Cedar Dr Ste 110 Lakewood, CO 80228	**Facility Location:**	CROSS AND CARIBOU MINES BOULDER COUNTY, CO 80466
Permitted Feature:	001 External Outfall	**Discharge:**	001-A Treated Mine Water to Coon Track Creek		

Report Dates & Status

Monitoring Period:	**From 12/01/25 to 12/31/25**	**DMR Due Date:**	**01/28/26**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Oil and grease - see I.A.2, pg 3. 30 day average is the highest monthly average during period reported.

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample								=	4.3	=	5.2	04 - deg C		99/99 - Continuous	RC - Recorder (auto)
					Permit Req.									Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C	0	99/99 - Continuous	RC - Recorder (auto)
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.2			=	8.0	12 - SU		02/30 - Twice Per Month	GR - Grab
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	02/30 - Twice Per Month	GR - Grab
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								<	4.0	<	4.0	19 - mg/L		01/30 - Monthly	GR - Grab
					Permit Req.								<=	30.0 30DA AVG	<=	45.0 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - Grab
					Value NODI															
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample								<	2.0			28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.									Req Mon 30DA AVG			28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								<	100.0			28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.									Req Mon 30DA AVG			28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI															
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample								=	140.0	=	140.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.								<=	750.0 30DA AVG	<=	1500.0 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI															
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample								=	0.54	=	0.54	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.								<=	50.0 30DA AVG	<=	300.0 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI															
																			02/30 - Twice Per	

Table 6.3 DMR December 2025 (continued)

01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample					=	0.4	=	0.8	28 - ug/L		Month	GR - Grab
					Permit Req.					<=	300.0 30DA AVG	<=	600.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI												
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample					=	1.2	=	2.4	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.					<=	150.0 30DA AVG	<=	300.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI												
01220	Chromium, hexavalent dissolved [as Cr]	1 - Effluent Gross	0	--	Sample					<	20.0	<	20.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.						Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI												
01303	Zinc, potentially dissolved	1 - Effluent Gross	12	--	Sample					=	125.0	=	140.0	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.					<=	186.0 30DA AVG	<=	182.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI												
01304	Silver, potentially dissolved	1 - Effluent Gross	12	--	Sample							<	0.5	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.					<=	0.12 30DA AVG	<=	2.8 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI						B - Below Detection Limit/No Detection						
01306	Copper, potentially dissolved	1 - Effluent Gross	12	--	Sample					=	2.25	=	4.5	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.					<=	13.0 30DA AVG	<=	18.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI												
01309	Arsenic, potentially dissolved	1 - Effluent Gross	0	--	Sample							<	2.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.								Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI												
01313	Cadmium, potentially dissolvd	1 - Effluent Gross	12	--	Sample					=	0.46	=	0.51	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.					<=	0.63 30DA AVG	<=	2.2 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI												
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample					<	3.0			28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.						Req Mon 30DA AVG			28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI												
01318	Lead, potentially dissolvd	1 - Effluent Gross	12	--	Sample					=	0.55	=	1.1	28 - ug/L		02/30 - Twice Per Month	GR - Grab
					Permit Req.					<=	3.8 30DA AVG	<=	85.0 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - Grab
					Value NODI												
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample					=	1.5	=	1.5	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.						Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI												
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample					<	3.0	<	3.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.						Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI												
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample					=	0.56	=	0.56	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.						Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI												
03582	Oil and grease	1 - Effluent Gross	0	--	Sample												
					Permit Req.							<=	10.0 INST MAX	19 - mg/L		77/77 - Contingent	GR - Grab
					Value NODI								9 - Conditional Monitoring - Not Required This Period				
04262	Chromium, trivalent total	1 - Effluent Gross	0	--	Sample							<	3.0	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.								Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab

Table 6.3 DMR December 2025 (continued)

	recoverable				Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	12	--	Sample							=	0.064423	=	0.1378	03 - MGD		99/99 - Continuous	RC - Recorder (auto)
					Permit Req.							<=	0.103 30DA AVG		Req Mon DAILY MX	03 - MGD	0	99/99 - Continuous	RC - Recorder (auto)
					Value NODI															
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample							<	1.0			19 - mg/L		01/30 - Monthly	GR - Grab
					Permit Req.								Req Mon 30DA AVG			19 - mg/L	0	01/30 - Monthly	GR - Grab
					Value NODI															
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample							<	0.2	<	0.2	28 - ug/L		01/30 - Monthly	GR - Grab
					Permit Req.							<=	1.0 30DA AVG	<=	2.0 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - Grab
					Value NODI															
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample		=	0.0	AB - abst=0;prst=1									02/30 - Twice Per Month	VI - Visual
					Permit Req.			Req Mon INST MAX	AB - abst=0;prst=1								0	02/30 - Twice Per Month	VI - Visual
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
CO0032751_Lab_2025_12_J218272-1_12-08-25.pdf	pdf	952762.0
CO0032751_DMRcov_2025_12.pdf	pdf	196739.0
CO0032751_Lab_2025_12_J219268-1_12-29-25.pdf	pdf	1033975.0

Report Last Saved By

Grand Island Resources LLC

User:	JOHNRINKO
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E-Mail:	johnrinko@yahoo.com
Date/Time:	2026-01-27 18:26 (Time Zone: -07:00)

Report Last Signed By

User:	JOHNRINKO
Name:	John Rinko
E-Mail:	johnrinko@yahoo.com
Date/Time:	2026-01-27 18:26 (Time Zone: -07:00)

Table 6.4 DMR QUARTERLY CHRONIC WET TESTING

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the NPDES eReporting Help Desk for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:	CO0032751	Permittee:	Grand Island Resources LLC	Facility:	CROSS AND CARIBOU MINES
Major:	No	Permittee Address:	12567 W Cedar Dr Ste 110 Lakewood, CO 80228	Facility Location:	CROSS AND CARIBOU MINES BOULDER COUNTY, CO 80466
Permitted Feature:	001 External Outfall	Discharge:	001-X CHRONIC WET TESTING FOR 001A		

Report Dates & Status

Monitoring Period:	From 10/01/25 to 12/31/25	DMR Due Date:	01/28/26	Status:	NetDMR Validated

Considerations for Form Completion

See I.B.3 for details of test procedure. Report NOEC using test code "S". Report IC25 using test code "P". Report highest number between "P" and "S" at "T" for each parameter. IWC=73% (1st qtr), 52%(2nd/4th qtr) and 53% (3rd qtr).

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Quantity or Loading Value 1	Quantity or Loading Qualifier 2	Quantity or Loading Value 2	Quantity or Loading Units	Quality or Concentration Qualifier 1	Quality or Concentration Value 1	Quality or Concentration Qualifier 2	Quality or Concentration Value 2	Quality or Concentration Qualifier 3	Quality or Concentration Value 3	Quality or Concentration Units	# of Ex.	Frequency of Analysis	Sample Type
TKP3B	Static Renewal 7 Day Chronic Ceriodaphnia dubia	P - See Comments	0	--	Sample	>	100.0										2G - tox chronic		01/90 - Quarterly	G3 - 3 Grabs
					Permit Req.		Req Mon SINGSAMP										2G - tox chronic	0	01/90 - Quarterly	G3 - 3 Grabs
					Value NODI															
TKP3B	Static Renewal 7 Day Chronic Ceriodaphnia dubia	S - See Comments	0	--	Sample	=	100.0										2G - tox chronic		01/90 - Quarterly	G3 - 3 Grabs
					Permit Req.		Req Mon MN VALUE										2G - tox chronic	0	01/90 - Quarterly	G3 - 3 Grabs
					Value NODI															
TKP3B	Static Renewal 7 Day Chronic Ceriodaphnia dubia	T - See Comments	4	--	Sample	>	100.0										2G - tox chronic		01/90 - Quarterly	G3 - 3 Grabs
					Permit Req.	>=	52.0 MN VALUE										2G - tox chronic	0	01/90 - Quarterly	G3 - 3 Grabs
					Value NODI															
TKP6C	Static Renewal 7 Day Chronic Pimephales promelas	P - See Comments	0	--	Sample	>	100.0										2G - tox chronic		01/90 - Quarterly	G3 - 3 Grabs
					Permit Req.		Req Mon SINGSAMP										2G - tox chronic	0	01/90 - Quarterly	G3 - 3 Grabs
					Value NODI															
TKP6C	Static Renewal 7 Day Chronic Pimephales promelas	S - See Comments	0	--	Sample	=	100.0										2G - tox chronic		01/90 - Quarterly	G3 - 3 Grabs
					Permit Req.		Req Mon MN VALUE										2G - tox chronic	0	01/90 - Quarterly	G3 - 3 Grabs
					Value NODI															
TKP6C	Static Renewal 7 Day Chronic Pimephales promelas	T - See Comments	4	--	Sample	>	100.0										2G - tox chronic		01/90 - Quarterly	G3 - 3 Grabs
					Permit Req.	>=	52.0 MN VALUE										2G - tox chronic	0	01/90 - Quarterly	G3 - 3 Grabs
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
CO0032751_Lab_2025_12_525634_B_WET_4Q25.pdf	pdf	5192138.0
CO0032751_DMRcov_2025_12.pdf	pdf	196739.0

Report Last Saved By

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User:	JOHNRINKO
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Date/Time:	2026-01-27 18:23 (Time Zone: -07:00)

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User:	JOHNRINKO
Name:	John Rinko
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Date/Time:	2026-01-27 18:26 (Time Zone: -07:00)

Table 6.5 DMR QUARTERLY LOW LEVEL MERCURY TESTING

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the NPDES eReporting Help Desk for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:	CO0032751	**Permittee:**	Grand Island Resources LLC	**Facility:**	CROSS AND CARIBOU MINES
Major:	No	**Permittee Address:**	12567 W Cedar Dr Ste 110 Lakewood, CO 80228	**Facility Location:**	CROSS AND CARIBOU MINES BOULDER COUNTY, CO 80466
Permitted Feature:	001 External Outfall	**Discharge:**	001-Q Quarterly Monitoring for 001A		

Report Dates & Status

Monitoring Period:	From 10/01/25 to 12/31/25	**DMR Due Date:**	01/28/26	**Status:**	NetDMR Validated

Considerations for Form Completion

Quarterly monitoring - see I.C.18, pg 3.

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
50286	**Mercury, total [low level]**	1 - Effluent Gross	0	--	Sample								=	0.0031	=	0.0031	28 - ug/L		01/90 - Quarterly	GR - Grab
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - Grab
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
CO0032751_Lab_2025_12_J215404-1_LLHg_4Q25.pdf	pdf	1177568.0
CO0032751_DMRcov_2025_12.pdf	pdf	196739.0

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Grand Island Resources LLC

User:	JOHNRINKO
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Report Last Signed By

User:	JOHNRINKO
Name:	John Rinko
E-Mail:	johnrinko@yahoo.com
Date/Time:	2026-01-27 18:26 (Time Zone: -07:00)

APPENDICES

APPENDIX A GROUNDWATER AND EFFLUENT ANALYTICAL RESULTS

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Brooke Molson Moran
Grand Island Resources
12567 West Cedar Road
Suite 110
Lakewood, Colorado 80228

Generated 1/9/2026 12:03:07 PM

JOB DESCRIPTION

Nederland, CO - Groundwater

JOB NUMBER

280-218648-1

Eurofins Denver
4955 Yarrow Street
Arvada CO 80002

See page two for job notes and contact information.

myEOL

Job Notes

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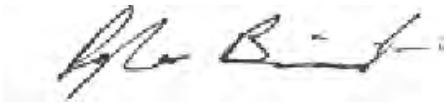
The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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Authorized for release by
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Definitions/Glossary

Client: Grand Island Resources
Job ID: 280-218648-1
Project/Site: Nederland, CO - Groundwater

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

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

Job Narrative
280-218648-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Radiochemistry data information:

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition, all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method.

Eurofins Environment Testing attests to the validity of the laboratory data generated by Eurofins facilities reported herein. All analyses performed by Eurofins Environment Testing facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins Environment Testing's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Calculations are performed before rounding to avoid round-off errors in calculated results.

Proper preservation was noted for the methods performed on these samples, unless otherwise detailed below.

All soil/sediment sample results for radiochemistry analyses are based upon sample as dried and disaggregated with the exception of tritium, carbon-14, and iodine-129 by gamma spectroscopy or unless requested as wet weight by the client.

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

The matrix for the Method Blank and LCS/LCSD is as close to the samples as can be reasonably achieved. Detailed information can be found in the most current revision of the associated SOP.

The method blank (MB) z-score is within limits, unless stated otherwise below, and is stored in the level IV raw data.

This laboratory report is confidential and is intended for the sole use of Eurofins Environment Testing and its client.

Receipt
The samples were received on 12/12/2025 5:35 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 2.6°C, 3.1°C, 3.4°C and 3.8°C.

Method 200.7 Rev 4.4 - Metals (ICP) - Dissolved
Samples CARIBOU PORTAL (280-218648-1), CROSS PORTAL (280-218648-2), CROSS PORTAL 02 (280-218648-3), COMPLIANCE WELL (280-218648-4), COMPLIANCE 03 (280-218648-5), CROSS WELL (280-218648-6), CARIBOU WELL (280-218648-7) and CARIBOU WELL 02 (280-218648-8) were analyzed for Metals (ICP) - Dissolved. The samples were prepared on 12/16/2025 and analyzed on 12/31/2025.

Method 200.8 - ICPMS Total Metals - Dissolved
Samples CARIBOU PORTAL (280-218648-1), CROSS PORTAL (280-218648-2), CROSS PORTAL 02 (280-218648-3), COMPLIANCE WELL (280-218648-4), COMPLIANCE 03 (280-218648-5), CROSS WELL (280-218648-6), CARIBOU WELL (280-218648-7) and CARIBOU WELL 02 (280-218648-8) were analyzed for ICPMS Total Metals - Dissolved. The samples were prepared on 12/16/2025 and analyzed on 12/19/2025 and 12/22/2025.

Method SM 2540C - Solids, Total Dissolved (TDS)
Samples CARIBOU PORTAL (280-218648-1), CROSS PORTAL (280-218648-2), CROSS PORTAL 02 (280-218648-3), COMPLIANCE WELL (280-218648-4), COMPLIANCE 03 (280-218648-5), CROSS WELL (280-218648-6), CARIBOU WELL (280-218648-7) and CARIBOU WELL 02 (280-218648-8) were analyzed for Solids, Total Dissolved (TDS). The samples were analyzed on 12/16/2025.

Method 300.0 - Anions, Ion Chromatography
Samples CARIBOU PORTAL (280-218648-1), CROSS PORTAL (280-218648-2), CROSS PORTAL 02 (280-218648-3), COMPLIANCE WELL (280-218648-4), COMPLIANCE 03 (280-218648-5), CROSS WELL (280-218648-6), CARIBOU WELL (280-218648-7) and CARIBOU WELL 02 (280-218648-8) were analyzed for Anions, Ion Chromatography. The samples were analyzed on 12/13/2025.

Method 353.2 - Nitrogen, Nitrate-Nitrite
Samples CARIBOU PORTAL (280-218648-1), CROSS PORTAL (280-218648-2), CROSS PORTAL 02 (280-218648-3), COMPLIANCE WELL (280-218648-4), COMPLIANCE 03 (280-218648-5), CROSS WELL (280-218648-6), CARIBOU WELL (280-218648-7) and CARIBOU WELL 02 (280-218648-8) were analyzed for Nitrogen, Nitrate-Nitrite. The samples were analyzed on 12/16/2025.

The matrix spike (MS) recoveries for analytical batch 280-727241 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method SM 4500 Cl- E - Chloride, Total
Samples CARIBOU PORTAL (280-218648-1), CROSS PORTAL (280-218648-2), CROSS PORTAL 02 (280-218648-3), COMPLIANCE WELL (280-218648-4), COMPLIANCE 03 (280-218648-5), CROSS WELL (280-218648-6), CARIBOU WELL (280-218648-7) and CARIBOU WELL 02 (280-218648-8) were analyzed for Chloride, Total. The samples were analyzed on 12/17/2025.

The matrix spike and matrix spike duplicate (MS/MSD) recoveries for analytical batch 280-727417 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method SM 4500 SO4 E - Sulfate, Total
Samples CARIBOU PORTAL (280-218648-1), CROSS PORTAL (280-218648-2), CROSS PORTAL 02 (280-218648-3), COMPLIANCE WELL (280-218648-4), COMPLIANCE 03 (280-218648-5), CROSS WELL (280-218648-6), CARIBOU WELL (280-218648-7) and CARIBOU WELL 02 (280-218648-8) were analyzed for Sulfate, Total. The samples were analyzed on 12/16/2025.

Method 901.1 - Cesium 137 & Other Gamma Emitters (GS) - Dissolved
Samples CARIBOU PORTAL (280-218648-1), CROSS PORTAL (280-218648-2), CROSS PORTAL 02 (280-218648-3), COMPLIANCE WELL (280-218648-4), COMPLIANCE 03 (280-218648-5), CROSS WELL (280-218648-6), CARIBOU WELL (280-218648-7) and CARIBOU WELL 02 (280-218648-8) were analyzed for Cesium 137 & Other Gamma Emitters (GS) - Dissolved. The samples were prepared on 12/17/2025 and analyzed on 12/17/2025, 12/18/2025 and 12/19/2025.

Gamma Batch 749955
The minimum detectable concentration (MDC) for the method blank (MB) is above the requested limit for Cs-137. The activity was not observed in the MB above the MDC or reporting limit (RL). The data for the following samples have been reported with the MDC achieved:
(MB 160-749955/1-A).

Gamma Batch 749955
The detection goal for cesium-137 was not met. This is caused by statistical fluctuations in the Compton background due to low level activity in the samples in conjunction with the software attempting to fit a peak into the noise of this baseline.
CROSS PORTAL 02 (280-218648-3), COMPLIANCE WELL (280-218648-4) and CARIBOU WELL 02 (280-218648-8)

Job ID: 280-218648-1 (Continued) Eurofins Denver

Gamma Batch 749955
Many isotopes by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

CARIBOU PORTAL (280-218648-1), CROSS PORTAL (280-218648-2), CROSS PORTAL 02 (280-218648-3), COMPLIANCE WELL (280-218648-4), COMPLIANCE 03 (280-218648-5), CROSS WELL (280-218648-6), CARIBOU WELL (280-218648-7), CARIBOU WELL 02 (280-218648-8) and (280-218648-A-1-B DU)

Method 900.0 - Gross Alpha and Gross Beta Radioactivity - Dissolved
Samples CARIBOU PORTAL (280-218648-1), CROSS PORTAL (280-218648-2), CROSS PORTAL 02 (280-218648-3), COMPLIANCE WELL (280-218648-4), COMPLIANCE 03 (280-218648-5), CROSS WELL (280-218648-6), CARIBOU WELL (280-218648-7) and CARIBOU WELL 02 (280-218648-8) were analyzed for Gross Alpha and Gross Beta Radioactivity - Dissolved. The samples were prepared on 1/7/2026 and analyzed on 1/8/2026.

Gross Alpha Beta Batch 752797

The detection goal was not met for the following samples due to a reduction of the sample size attributed to high residual mass: (460-341377-K-13-A) and (460-341377-C-13-A DU). Analytical results are reported with the detection limit achieved.

Detection Summary

Client: Grand Island Resources
Project/Site: Nederland, CO - Groundwater

Job ID: 280-218648-1

Client Sample ID: CARIBOU PORTAL — Lab Sample ID: 280-218648-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.00092	J	0.0020	0.00050	mg/L	1		200.8	Dissolved
Arsenic	0.0019	J	0.0020	0.00050	mg/L	1		200.8	Dissolved
Barium	0.062		0.0020	0.00055	mg/L	1		200.8	Dissolved
Copper	0.0012	J	0.0020	0.0010	mg/L	1		200.8	Dissolved
Molybdenum	0.0073		0.0020	0.00050	mg/L	1		200.8	Dissolved
Uranium	0.0059		0.0010	0.00025	mg/L	1		200.8	Dissolved
Zinc	0.0067	J	0.010	0.0050	mg/L	1		200.8	Dissolved
Nitrate as N	0.17	J	0.50	0.10	mg/L	1		300.0	Total/NA
Nitrate Nitrite as N	0.10	J F1	0.20	0.060	mg/L	1		353.2	Total/NA
Total Dissolved Solids (TDS)	130		10	6.0	mg/L	1		SM 2540C	Total/NA
Sulfate	9.1		3.0	1.0	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: CROSS PORTAL — Lab Sample ID: 280-218648-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.00068	J	0.0020	0.00050	mg/L	1		200.8	Dissolved
Arsenic	0.00096	J	0.0020	0.00050	mg/L	1		200.8	Dissolved
Barium	0.080		0.0020	0.00055	mg/L	1		200.8	Dissolved
Cadmium	0.00088	J	0.0010	0.00025	mg/L	1		200.8	Dissolved
Copper	0.0018	J	0.0020	0.0010	mg/L	1		200.8	Dissolved
Manganese	0.0085		0.0030	0.0015	mg/L	1		200.8	Dissolved
Molybdenum	0.0070		0.0020	0.00050	mg/L	1		200.8	Dissolved
Uranium	0.00091	J	0.0010	0.00025	mg/L	1		200.8	Dissolved
Zinc	0.23		0.010	0.0050	mg/L	1		200.8	Dissolved
Nitrate as N	0.13	J	0.50	0.10	mg/L	1		300.0	Total/NA
Total Dissolved Solids (TDS)	120		10	6.0	mg/L	1		SM 2540C	Total/NA
Sulfate	11		3.0	1.0	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: CROSS PORTAL 02 — Lab Sample ID: 280-218648-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.00061	J	0.0020	0.00050	mg/L	1		200.8	Dissolved
Arsenic	0.00062	J	0.0020	0.00050	mg/L	1		200.8	Dissolved
Barium	0.077		0.0020	0.00055	mg/L	1		200.8	Dissolved
Cadmium	0.00099	J	0.0010	0.00025	mg/L	1		200.8	Dissolved
Copper	0.0015	J	0.0020	0.0010	mg/L	1		200.8	Dissolved
Manganese	0.0085		0.0030	0.0015	mg/L	1		200.8	Dissolved
Molybdenum	0.0069		0.0020	0.00050	mg/L	1		200.8	Dissolved
Uranium	0.00090	J	0.0010	0.00025	mg/L	1		200.8	Dissolved
Zinc	0.23		0.010	0.0050	mg/L	1		200.8	Dissolved
Total Dissolved Solids (TDS)	120		10	6.0	mg/L	1		SM 2540C	Total/NA
Sulfate	11		3.0	1.0	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: COMPLIANCE WELL — Lab Sample ID: 280-218648-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.045		0.0020	0.00055	mg/L	1		200.8	Dissolved
Manganese	0.0079		0.0030	0.0015	mg/L	1		200.8	Dissolved
Molybdenum	0.0054		0.0020	0.00050	mg/L	1		200.8	Dissolved
Zinc	0.10		0.010	0.0050	mg/L	1		200.8	Dissolved
Nitrate as N	0.33	J	0.50	0.10	mg/L	1		300.0	Total/NA
Nitrate Nitrite as N	0.33		0.20	0.060	mg/L	1		353.2	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Denver

Detection Summary

Client: Grand Island Resources
Project/Site: Nederland, CO - Groundwater

Job ID: 280-218648-1

Client Sample ID: COMPLIANCE WELL (Continued) — Lab Sample ID: 280-218648-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids (TDS)	92		10	6.0	mg/L	1		SM 2540C	Total/NA
Chloride	3.0		2.0	0.50	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	11		3.0	1.0	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: COMPLIANCE 03 — Lab Sample ID: 280-218648-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	1.4	J	3.0	1.0	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: CROSS WELL — Lab Sample ID: 280-218648-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.029		0.0020	0.00055	mg/L	1		200.8	Dissolved
Copper	0.0020		0.0020	0.0010	mg/L	1		200.8	Dissolved
Molybdenum	0.00054	J	0.0020	0.00050	mg/L	1		200.8	Dissolved
Zinc	0.49		0.010	0.0050	mg/L	1		200.8	Dissolved
Nitrate as N	0.38	J	0.50	0.10	mg/L	1		300.0	Total/NA
Nitrate Nitrite as N	0.38		0.20	0.060	mg/L	1		353.2	Total/NA
Total Dissolved Solids (TDS)	90		10	6.0	mg/L	1		SM 2540C	Total/NA
Chloride	3.9		2.0	0.50	mg/L	1		SM 4500 Cl- E	Total/NA
Sulfate	9.2		3.0	1.0	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: CARIBOU WELL — Lab Sample ID: 280-218648-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0061		0.0020	0.00055	mg/L	1		200.8	Dissolved
Copper	0.0063		0.0020	0.0010	mg/L	1		200.8	Dissolved
Zinc	0.032		0.010	0.0050	mg/L	1		200.8	Dissolved
Nitrate as N	0.17	J	0.50	0.10	mg/L	1		300.0	Total/NA
Nitrate Nitrite as N	0.091	J	0.20	0.060	mg/L	1		353.2	Total/NA
Total Dissolved Solids (TDS)	37		10	6.0	mg/L	1		SM 2540C	Total/NA
Sulfate	2.3	J	3.0	1.0	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: CARIBOU WELL 02 — Lab Sample ID: 280-218648-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0061		0.0020	0.00055	mg/L	1		200.8	Dissolved
Copper	0.0062		0.0020	0.0010	mg/L	1		200.8	Dissolved
Zinc	0.035		0.010	0.0050	mg/L	1		200.8	Dissolved
Nitrate as N	0.17	J	0.50	0.10	mg/L	1		300.0	Total/NA
Nitrate Nitrite as N	0.094	J	0.20	0.060	mg/L	1		353.2	Total/NA
Total Dissolved Solids (TDS)	36		10	6.0	mg/L	1		SM 2540C	Total/NA
Sulfate	2.2	J	3.0	1.0	mg/L	1		SM 4500 SO4 E	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Grand Island Resources
Project/Site: Nederland, CO - Groundwater

Job ID: 280-218648-1

Method	Method Description	Protocol	Laboratory
200.7 Rev 4.4	Metals (ICP)	EPA	EET DEN
200.8	ICPMS Total Metals	EPA	EET DEN
300.0	Anions, Ion Chromatography	EPA	EET DEN
353.2	Nitrogen, Nitrate-Nitrite	EPA	EET DEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DEN
SM 4500 Cl- E	Chloride, Total	SM	EET DEN
SM 4500 SO4 E	Sulfate, Total	SM	EET DEN
900.0	Gross Alpha and Gross Beta Radioactivity	EPA	EET SL
901.1	Cesium 137 & Other Gamma Emitters (GS)	EPA	EET SL
200.7	Preparation, Total Recoverable Metals	EPA	EET DEN
200.8	Preparation, Total Recoverable Metals	EPA	EET DEN
Evaporation	Preparation, Evaporation	None	EET SL
Fill_Geo-0	Fill Geometry, No In-Growth	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Grand Island Resources
Job ID: 280-218648-1
Project/Site: Nederland, CO - Groundwater

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
280-218648-1	CARIBOU PORTAL	Water	12/11/25 13:00	12/12/25 17:35	Colorado
280-218648-2	CROSS PORTAL	Water	12/11/25 14:00	12/12/25 17:35	Colorado
280-218648-3	CROSS PORTAL 02	Water	12/11/25 14:00	12/12/25 17:35	Colorado
280-218648-4	COMPLIANCE WELL	Water	12/12/25 11:00	12/12/25 17:35	Colorado
280-218648-5	COMPLIANCE 03	Water	12/12/25 11:00	12/12/25 17:35	Colorado
280-218648-6	CROSS WELL	Water	12/12/25 13:00	12/12/25 17:35	Colorado
280-218648-7	CARIBOU WELL	Water	12/12/25 13:30	12/12/25 17:35	Colorado
280-218648-8	CARIBOU WELL 02	Water	12/12/25 13:30	12/12/25 17:35	Colorado

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

Client Sample ID: CARIBOU PORTAL — **Lab Sample ID: 280-218648-1**
Date Collected: 12/11/25 13:00 — **Matrix: Water**
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.10	0.025	mg/L		12/16/25 09:57	12/31/25 20:17	1
Boron	ND		0.050	0.015	mg/L		12/16/25 09:57	12/31/25 20:17	1
Iron	ND		0.10	0.040	mg/L		12/16/25 09:57	12/31/25 20:17	1

Client Sample ID: CROSS PORTAL — **Lab Sample ID: 280-218648-2**
Date Collected: 12/11/25 14:00 — **Matrix: Water**
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.10	0.025	mg/L		12/16/25 09:57	12/31/25 20:21	1
Boron	ND		0.050	0.015	mg/L		12/16/25 09:57	12/31/25 20:21	1
Iron	ND		0.10	0.040	mg/L		12/16/25 09:57	12/31/25 20:21	1

Client Sample ID: CROSS PORTAL 02 — **Lab Sample ID: 280-218648-3**
Date Collected: 12/11/25 14:00 — **Matrix: Water**
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.10	0.025	mg/L		12/16/25 09:57	12/31/25 20:26	1
Boron	ND		0.050	0.015	mg/L		12/16/25 09:57	12/31/25 20:26	1
Iron	ND		0.10	0.040	mg/L		12/16/25 09:57	12/31/25 20:26	1

Client Sample ID: COMPLIANCE WELL — **Lab Sample ID: 280-218648-4**
Date Collected: 12/12/25 11:00 — **Matrix: Water**
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.10	0.025	mg/L		12/16/25 09:57	12/31/25 20:30	1
Boron	ND		0.050	0.015	mg/L		12/16/25 09:57	12/31/25 20:30	1
Iron	ND		0.10	0.040	mg/L		12/16/25 09:57	12/31/25 20:30	1

Client Sample ID: COMPLIANCE 03 — **Lab Sample ID: 280-218648-5**
Date Collected: 12/12/25 11:00 — **Matrix: Water**
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.10	0.025	mg/L		12/16/25 09:57	12/31/25 20:47	1
Boron	ND		0.050	0.015	mg/L		12/16/25 09:57	12/31/25 20:47	1
Iron	ND		0.10	0.040	mg/L		12/16/25 09:57	12/31/25 20:47	1

Client Sample ID: CROSS WELL — **Lab Sample ID: 280-218648-6**
Date Collected: 12/12/25 13:00 — **Matrix: Water**
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.10	0.025	mg/L		12/16/25 09:57	12/31/25 20:51	1
Boron	ND		0.050	0.015	mg/L		12/16/25 09:57	12/31/25 20:51	1
Iron	ND		0.10	0.040	mg/L		12/16/25 09:57	12/31/25 20:51	1

Client Sample ID: CARIBOU WELL — **Lab Sample ID: 280-218648-7**
Date Collected: 12/12/25 13:30 — **Matrix: Water**
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.10	0.025	mg/L		12/16/25 09:57	12/31/25 20:55	1
Boron	ND		0.050	0.015	mg/L		12/16/25 09:57	12/31/25 20:55	1
Iron	ND		0.10	0.040	mg/L		12/16/25 09:57	12/31/25 20:55	1

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

Client Sample ID: CARIBOU WELL 02
Lab Sample ID: 280-218648-8
Date Collected: 12/12/25 13:30
Matrix: Water
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.10	0.025	mg/L		12/16/25 09:57	12/31/25 21:00	1
Boron	ND		0.050	0.015	mg/L		12/16/25 09:57	12/31/25 21:00	1
Iron	ND		0.10	0.040	mg/L		12/16/25 09:57	12/31/25 21:00	1

Method: EPA 200.8 - ICPMS Total Metals - Dissolved

Client Sample ID: CARIBOU PORTAL
Lab Sample ID: 280-218648-1
Date Collected: 12/11/25 13:00
Matrix: Water
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00092	J	0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 16:58	1
Arsenic	0.0019	J	0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 16:58	1
Barium	0.062		0.0020	0.00055	mg/L		12/16/25 09:57	12/19/25 16:58	1
Cadmium	ND		0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 16:58	1
Copper	0.0012	J	0.0020	0.0010	mg/L		12/16/25 09:57	12/19/25 16:58	1
Lead	ND		0.0010	0.00050	mg/L		12/16/25 09:57	12/19/25 16:58	1
Manganese	ND		0.0030	0.0015	mg/L		12/16/25 09:57	12/19/25 16:58	1
Molybdenum	0.0073		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 16:58	1
Uranium	0.0059		0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 16:58	1
Zinc	0.0067	J	0.010	0.0050	mg/L		12/16/25 09:57	12/22/25 20:16	1

Client Sample ID: CROSS PORTAL
Lab Sample ID: 280-218648-2
Date Collected: 12/11/25 14:00
Matrix: Water
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00068	J	0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:00	1
Arsenic	0.00096	J	0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:00	1
Barium	0.080		0.0020	0.00055	mg/L		12/16/25 09:57	12/19/25 17:00	1
Cadmium	0.00088	J	0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 17:00	1
Copper	0.0018	J	0.0020	0.0010	mg/L		12/16/25 09:57	12/19/25 17:00	1
Lead	ND		0.0010	0.00050	mg/L		12/16/25 09:57	12/19/25 17:00	1
Manganese	0.0085		0.0030	0.0015	mg/L		12/16/25 09:57	12/19/25 17:00	1
Molybdenum	0.0070		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:00	1
Uranium	0.00091	J	0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 17:00	1
Zinc	0.23		0.010	0.0050	mg/L		12/16/25 09:57	12/22/25 20:20	1

Client Sample ID: CROSS PORTAL 02
Lab Sample ID: 280-218648-3
Date Collected: 12/11/25 14:00
Matrix: Water
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00061	J	0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:02	1
Arsenic	0.00062	J	0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:02	1
Barium	0.077		0.0020	0.00055	mg/L		12/16/25 09:57	12/19/25 17:02	1
Cadmium	0.00099	J	0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 17:02	1
Copper	0.0015	J	0.0020	0.0010	mg/L		12/16/25 09:57	12/19/25 17:02	1
Lead	ND		0.0010	0.00050	mg/L		12/16/25 09:57	12/19/25 17:02	1
Manganese	0.0085		0.0030	0.0015	mg/L		12/16/25 09:57	12/19/25 17:02	1
Molybdenum	0.0069		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:02	1
Uranium	0.00090	J	0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 17:02	1
Zinc	0.23		0.010	0.0050	mg/L		12/16/25 09:57	12/22/25 20:23	1

Method: EPA 200.8 - ICPMS Total Metals - Dissolved

Client Sample ID: COMPLIANCE WELL — **Lab Sample ID: 280-218648-4**
Date Collected: 12/12/25 11:00 — **Matrix: Water**
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:09	1
Arsenic	ND		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:09	1
Barium	**0.045**		0.0020	0.00055	mg/L		12/16/25 09:57	12/19/25 17:09	1
Cadmium	ND		0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 17:09	1
Copper	ND		0.0020	0.0010	mg/L		12/16/25 09:57	12/19/25 17:09	1
Lead	ND		0.0010	0.00050	mg/L		12/16/25 09:57	12/19/25 17:09	1
Manganese	**0.0079**		0.0030	0.0015	mg/L		12/16/25 09:57	12/19/25 17:09	1
Molybdenum	**0.0054**		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:09	1
Uranium	ND		0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 17:09	1
Zinc	**0.10**		0.010	0.0050	mg/L		12/16/25 09:57	12/22/25 20:27	1

Client Sample ID: COMPLIANCE 03 — **Lab Sample ID: 280-218648-5**
Date Collected: 12/12/25 11:00 — **Matrix: Water**
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:11	1
Arsenic	ND		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:11	1
Barium	ND		0.0020	0.00055	mg/L		12/16/25 09:57	12/19/25 17:11	1
Cadmium	ND		0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 17:11	1
Copper	ND		0.0020	0.0010	mg/L		12/16/25 09:57	12/19/25 17:11	1
Lead	ND		0.0010	0.00050	mg/L		12/16/25 09:57	12/19/25 17:11	1
Manganese	ND		0.0030	0.0015	mg/L		12/16/25 09:57	12/19/25 17:11	1
Molybdenum	ND		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:11	1
Uranium	ND		0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 17:11	1
Zinc	ND		0.010	0.0050	mg/L		12/16/25 09:57	12/22/25 20:30	1

Client Sample ID: CROSS WELL — **Lab Sample ID: 280-218648-6**
Date Collected: 12/12/25 13:00 — **Matrix: Water**
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:13	1
Arsenic	ND		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:13	1
Barium	**0.029**		0.0020	0.00055	mg/L		12/16/25 09:57	12/19/25 17:13	1
Cadmium	ND		0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 17:13	1
Copper	**0.0020**		0.0020	0.0010	mg/L		12/16/25 09:57	12/19/25 17:13	1
Lead	ND		0.0010	0.00050	mg/L		12/16/25 09:57	12/19/25 17:13	1
Manganese	ND		0.0030	0.0015	mg/L		12/16/25 09:57	12/19/25 17:13	1
Molybdenum	**0.00054**	**J**	0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:13	1
Uranium	ND		0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 17:13	1
Zinc	**0.49**		0.010	0.0050	mg/L		12/16/25 09:57	12/22/25 20:34	1

Client Sample ID: CARIBOU WELL — **Lab Sample ID: 280-218648-7**
Date Collected: 12/12/25 13:30 — **Matrix: Water**
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:15	1
Arsenic	ND		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:15	1
Barium	**0.0061**		0.0020	0.00055	mg/L		12/16/25 09:57	12/19/25 17:15	1
Cadmium	ND		0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 17:15	1
Copper	**0.0063**		0.0020	0.0010	mg/L		12/16/25 09:57	12/19/25 17:15	1

Method: EPA 200.8 - ICPMS Total Metals - Dissolved (Continued)

Client Sample ID: CARIBOU WELL — **Lab Sample ID: 280-218648-7**
Date Collected: 12/12/25 13:30 — **Matrix: Water**
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0010	0.00050	mg/L		12/16/25 09:57	12/19/25 17:15	1
Manganese	ND		0.0030	0.0015	mg/L		12/16/25 09:57	12/19/25 17:15	1
Molybdenum	ND		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:15	1
Uranium	ND		0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 17:15	1
Zinc	**0.032**		0.010	0.0050	mg/L		12/16/25 09:57	12/22/25 20:37	1

Client Sample ID: CARIBOU WELL 02 — **Lab Sample ID: 280-218648-8**
Date Collected: 12/12/25 13:30 — **Matrix: Water**
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:17	1
Arsenic	ND		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:17	1
Barium	**0.0061**		0.0020	0.00055	mg/L		12/16/25 09:57	12/19/25 17:17	1
Cadmium	ND		0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 17:17	1
Copper	**0.0062**		0.0020	0.0010	mg/L		12/16/25 09:57	12/19/25 17:17	1
Lead	ND		0.0010	0.00050	mg/L		12/16/25 09:57	12/19/25 17:17	1
Manganese	ND		0.0030	0.0015	mg/L		12/16/25 09:57	12/19/25 17:17	1
Molybdenum	ND		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 17:17	1
Uranium	ND		0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 17:17	1
Zinc	**0.035**		0.010	0.0050	mg/L		12/16/25 09:57	12/22/25 20:40	1

General Chemistry

Client Sample ID: CARIBOU PORTAL — **Lab Sample ID: 280-218648-1**
Date Collected: 12/11/25 13:00 — **Matrix: Water**
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N (EPA 300.0)	**0.17**	**J**	0.50	0.10	mg/L			12/13/25 03:06	1
Nitrate Nitrite as N (EPA 353.2)	**0.10**	**J F1**	0.20	0.060	mg/L			12/16/25 15:54	1
Total Dissolved Solids (TDS) (SM 2540C)	**130**		10	6.0	mg/L			12/16/25 09:58	1
Chloride (SM 4500 Cl- E)	ND	F1	2.0	0.50	mg/L			12/17/25 16:27	1
Sulfate (SM 4500 SO4 E)	**9.1**		3.0	1.0	mg/L			12/16/25 16:11	1

Client Sample ID: CROSS PORTAL — **Lab Sample ID: 280-218648-2**
Date Collected: 12/11/25 14:00 — **Matrix: Water**
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N (EPA 300.0)	**0.13**	**J**	0.50	0.10	mg/L			12/13/25 03:20	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.20	0.060	mg/L			12/16/25 15:58	1
Total Dissolved Solids (TDS) (SM 2540C)	**120**		10	6.0	mg/L			12/16/25 09:58	1
Chloride (SM 4500 Cl- E)	ND		2.0	0.50	mg/L			12/17/25 16:27	1
Sulfate (SM 4500 SO4 E)	**11**		3.0	1.0	mg/L			12/16/25 16:11	1

Client Sample ID: CROSS PORTAL 02 — **Lab Sample ID: 280-218648-3**
Date Collected: 12/11/25 14:00 — **Matrix: Water**
Date Received: 12/12/25 17:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N (EPA 300.0)	ND		0.50	0.10	mg/L			12/13/25 03:34	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.20	0.060	mg/L			12/16/25 15:59	1

General Chemistry (Continued)

Client Sample ID: CROSS PORTAL 02
Date Collected: 12/11/25 14:00
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (TDS) (SM 2540C)	120		10	6.0	mg/L			12/16/25 09:58	1
Chloride (SM 4500 Cl- E)	ND		2.0	0.50	mg/L			12/17/25 16:28	1
Sulfate (SM 4500 SO4 E)	11		3.0	1.0	mg/L			12/16/25 16:11	1

Client Sample ID: COMPLIANCE WELL
Date Collected: 12/12/25 11:00
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N (EPA 300.0)	0.33	J	0.50	0.10	mg/L			12/13/25 03:48	1
Nitrate Nitrite as N (EPA 353.2)	0.33		0.20	0.060	mg/L			12/16/25 16:00	1
Total Dissolved Solids (TDS) (SM 2540C)	92		10	6.0	mg/L			12/16/25 09:58	1
Chloride (SM 4500 Cl- E)	3.0		2.0	0.50	mg/L			12/17/25 16:28	1
Sulfate (SM 4500 SO4 E)	11		3.0	1.0	mg/L			12/16/25 16:12	1

Client Sample ID: COMPLIANCE 03
Date Collected: 12/12/25 11:00
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N (EPA 300.0)	ND		0.50	0.10	mg/L			12/13/25 04:02	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.20	0.060	mg/L			12/16/25 16:01	1
Total Dissolved Solids (TDS) (SM 2540C)	ND		10	6.0	mg/L			12/16/25 09:58	1
Chloride (SM 4500 Cl- E)	ND		2.0	0.50	mg/L			12/17/25 16:28	1
Sulfate (SM 4500 SO4 E)	1.4	J	3.0	1.0	mg/L			12/16/25 16:12	1

Client Sample ID: CROSS WELL
Date Collected: 12/12/25 13:00
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N (EPA 300.0)	0.38	J	0.50	0.10	mg/L			12/13/25 04:59	1
Nitrate Nitrite as N (EPA 353.2)	0.38		0.20	0.060	mg/L			12/16/25 16:03	1
Total Dissolved Solids (TDS) (SM 2540C)	90		10	6.0	mg/L			12/16/25 09:58	1
Chloride (SM 4500 Cl- E)	3.9		2.0	0.50	mg/L			12/17/25 16:28	1
Sulfate (SM 4500 SO4 E)	9.2		3.0	1.0	mg/L			12/16/25 16:12	1

Client Sample ID: CARIBOU WELL
Date Collected: 12/12/25 13:30
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N (EPA 300.0)	0.17	J	0.50	0.10	mg/L			12/13/25 05:13	1
Nitrate Nitrite as N (EPA 353.2)	0.091	J	0.20	0.060	mg/L			12/16/25 16:04	1
Total Dissolved Solids (TDS) (SM 2540C)	37		10	6.0	mg/L			12/16/25 09:58	1
Chloride (SM 4500 Cl- E)	ND		2.0	0.50	mg/L			12/17/25 16:28	1
Sulfate (SM 4500 SO4 E)	2.3	J	3.0	1.0	mg/L			12/16/25 16:12	1

General Chemistry

Client Sample ID: CARIBOU WELL 02
Date Collected: 12/12/25 13:30
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N (EPA 300.0)	**0.17**	**J**	0.50	0.10	mg/L			12/13/25 05:27	1
Nitrate Nitrite as N (EPA 353.2)	**0.094**	**J**	0.20	0.060	mg/L			12/16/25 16:05	1
Total Dissolved Solids (TDS) (SM 2540C)	**36**		10	6.0	mg/L			12/16/25 09:58	1
Chloride (SM 4500 Cl- E)	ND		2.0	0.50	mg/L			12/17/25 16:28	1
Sulfate (SM 4500 SO4 E)	**2.2**	**J**	3.0	1.0	mg/L			12/16/25 17:19	1

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity - Dissolved

Client Sample ID: CARIBOU PORTAL
Date Collected: 12/11/25 13:00
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-1
Matrix: Water

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**5.03**		1.77	1.86	3.00	1.85	pCi/L	01/07/26 08:11	01/08/26 21:37	1
Gross Beta	**3.41**		0.930	0.991	4.00	1.14	pCi/L	01/07/26 08:11	01/08/26 21:37	1

Client Sample ID: CROSS PORTAL
Date Collected: 12/11/25 14:00
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-2
Matrix: Water

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	1.31	U	1.14	1.15	3.00	1.74	pCi/L	01/07/26 08:11	01/08/26 21:38	1
Gross Beta	**2.20**		0.788	0.819	4.00	1.06	pCi/L	01/07/26 08:11	01/08/26 21:38	1

Client Sample ID: CROSS PORTAL 02
Date Collected: 12/11/25 14:00
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-3
Matrix: Water

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	-0.189	U	1.01	1.01	3.00	2.05	pCi/L	01/07/26 08:11	01/08/26 21:38	1
Gross Beta	1.02	U	0.692	0.700	4.00	1.08	pCi/L	01/07/26 08:11	01/08/26 21:38	1

Client Sample ID: COMPLIANCE WELL
Date Collected: 12/12/25 11:00
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-4
Matrix: Water

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	0.339	U	0.692	0.693	3.00	1.24	pCi/L	01/07/26 08:11	01/08/26 21:38	1
Gross Beta	**1.33**		0.770	0.782	4.00	1.17	pCi/L	01/07/26 08:11	01/08/26 21:38	1

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity - Dissolved

Client Sample ID: COMPLIANCE 03
Date Collected: 12/12/25 11:00
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-5
Matrix: Water

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	0.612	U	0.582	0.586	3.00	0.914	pCi/L	01/07/26 08:11	01/08/26 21:39	1
Gross Beta	0.434	U	0.624	0.626	4.00	1.03	pCi/L	01/07/26 08:11	01/08/26 21:39	1

Client Sample ID: CROSS WELL
Date Collected: 12/12/25 13:00
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-6
Matrix: Water

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	0.366	U	0.633	0.635	3.00	1.12	pCi/L	01/07/26 08:11	01/08/26 21:41	1
Gross Beta	**1.40**		0.740	0.753	4.00	1.11	pCi/L	01/07/26 08:11	01/08/26 21:41	1

Client Sample ID: CARIBOU WELL
Date Collected: 12/12/25 13:30
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-7
Matrix: Water

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	0.511	U	0.577	0.580	3.00	0.936	pCi/L	01/07/26 08:11	01/08/26 21:40	1
Gross Beta	0.822	U	0.717	0.722	4.00	1.14	pCi/L	01/07/26 08:11	01/08/26 21:40	1

Client Sample ID: CARIBOU WELL 02
Date Collected: 12/12/25 13:30
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-8
Matrix: Water

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	0.534	U	0.575	0.579	3.00	0.923	pCi/L	01/07/26 08:11	01/08/26 21:41	1
Gross Beta	**1.27**		0.705	0.716	4.00	1.04	pCi/L	01/07/26 08:11	01/08/26 21:41	1

Method: EPA 901.1 - Cesium 137 & Other Gamma Emitters (GS) - Dissolved

Client Sample ID: CARIBOU PORTAL
Date Collected: 12/11/25 13:00
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-1
Matrix: Water

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Cesium-137	-1.98	U	11.2	11.2	20.0	19.8	pCi/L	12/17/25 13:15	12/17/25 22:23	1

Other Detected Radionuclides	*Result*	*Qualifier*	*Count Uncert. (2σ+/-)*	*Total Uncert. (2σ+/-)*	*RL*	*MDC*	*Unit*	*Prepared*	*Analyzed*	*Dil Fac*
Other Detected Radionuclide	*None*						*pCi/L*	*12/17/25 13:15*	*12/17/25 22:23*	*1*

Method: EPA 901.1 - Cesium 137 & Other Gamma Emitters (GS) - Dissolved

Client Sample ID: CROSS PORTAL
Date Collected: 12/11/25 14:00
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-2
Matrix: Water

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Cesium-137	-1.00	U	11.9	11.9	20.0	18.6	pCi/L	12/17/25 13:15	12/17/25 22:24	1

Other Detected Radionuclides	*Result*	*Qualifier*	*Count Uncert. (2σ+/-)*	*Total Uncert. (2σ+/-)*	*RL*	*MDC*	*Unit*	*Prepared*	*Analyzed*	*Dil Fac*
Other Detected Radionuclide	*None*						*pCi/L*	*12/17/25 13:15*	*12/17/25 22:24*	*1*

Client Sample ID: CROSS PORTAL 02
Date Collected: 12/11/25 14:00
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-3
Matrix: Water

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Cesium-137	-5.08	U G	14.7	14.7	20.0	25.2	pCi/L	12/17/25 13:15	12/18/25 10:23	1

Other Detected Radionuclides	*Result*	*Qualifier*	*Count Uncert. (2σ+/-)*	*Total Uncert. (2σ+/-)*	*RL*	*MDC*	*Unit*	*Prepared*	*Analyzed*	*Dil Fac*
Other Detected Radionuclide	*None*						*pCi/L*	*12/17/25 13:15*	*12/18/25 10:23*	*1*

Client Sample ID: COMPLIANCE WELL
Date Collected: 12/12/25 11:00
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-4
Matrix: Water

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Cesium-137	-7.91	U G	16.2	16.2	20.0	27.3	pCi/L	12/17/25 13:15	12/18/25 14:44	1

Other Detected Radionuclides	*Result*	*Qualifier*	*Count Uncert. (2σ+/-)*	*Total Uncert. (2σ+/-)*	*RL*	*MDC*	*Unit*	*Prepared*	*Analyzed*	*Dil Fac*
Bi-214	*220*		*36.3*	*42.2*		*32.9*	*pCi/L*	*12/17/25 13:15*	*12/18/25 14:44*	*1*
Pb-214	*246*		*32.0*	*40.1*		*33.9*	*pCi/L*	*12/17/25 13:15*	*12/18/25 14:44*	*1*

Client Sample ID: COMPLIANCE 03
Date Collected: 12/12/25 11:00
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-5
Matrix: Water

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Cesium-137	1.38	U	10.6	10.6	20.0	19.0	pCi/L	12/17/25 13:15	12/18/25 14:43	1

Other Detected Radionuclides	*Result*	*Qualifier*	*Count Uncert. (2σ+/-)*	*Total Uncert. (2σ+/-)*	*RL*	*MDC*	*Unit*	*Prepared*	*Analyzed*	*Dil Fac*
Other Detected Radionuclide	*None*						*pCi/L*	*12/17/25 13:15*	*12/18/25 14:43*	*1*

Method: EPA 901.1 - Cesium 137 & Other Gamma Emitters (GS) - Dissolved

Client Sample ID: CROSS WELL
Date Collected: 12/12/25 13:00
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-6
Matrix: Water

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Cesium-137	-1.70	U	10.8	10.8	20.0	19.0	pCi/L	12/17/25 13:15	12/19/25 16:47	1

Other Detected Radionuclides	*Result*	*Qualifier*	*Count Uncert. (2σ+/-)*	*Total Uncert. (2σ+/-)*	*RL*	*MDC*	*Unit*	*Prepared*	*Analyzed*	*Dil Fac*
Bi-214	*126*		*29.0*	*31.5*		*30.5*	*pCi/L*	*12/17/25 13:15*	*12/19/25 16:47*	*1*
Pb-214	*121*		*23.6*	*26.4*		*30.2*	*pCi/L*	*12/17/25 13:15*	*12/19/25 16:47*	*1*

Client Sample ID: CARIBOU WELL
Date Collected: 12/12/25 13:30
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-7
Matrix: Water

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Cesium-137	-2.25	U	11.7	11.7	20.0	18.9	pCi/L	12/17/25 13:15	12/19/25 16:46	1

Other Detected Radionuclides	*Result*	*Qualifier*	*Count Uncert. (2σ+/-)*	*Total Uncert. (2σ+/-)*	*RL*	*MDC*	*Unit*	*Prepared*	*Analyzed*	*Dil Fac*
Bi-214	*116*		*27.6*	*29.9*		*27.9*	*pCi/L*	*12/17/25 13:15*	*12/19/25 16:46*	*1*
Pb-214	*118*		*24.1*	*26.7*		*30.1*	*pCi/L*	*12/17/25 13:15*	*12/19/25 16:46*	*1*

Client Sample ID: CARIBOU WELL 02
Date Collected: 12/12/25 13:30
Date Received: 12/12/25 17:35

Lab Sample ID: 280-218648-8
Matrix: Water

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Cesium-137	-0.626	U G	17.7	17.7	20.0	28.0	pCi/L	12/17/25 13:15	12/19/25 15:11	1

Other Detected Radionuclides	*Result*	*Qualifier*	*Count Uncert. (2σ+/-)*	*Total Uncert. (2σ+/-)*	*RL*	*MDC*	*Unit*	*Prepared*	*Analyzed*	*Dil Fac*
Bi-214	*114*		*30.4*	*32.3*		*32.1*	*pCi/L*	*12/17/25 13:15*	*12/19/25 15:11*	*1*
Pb-214	*147*		*26.9*	*30.5*		*28.7*	*pCi/L*	*12/17/25 13:15*	*12/19/25 15:11*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 280-727121/1-A
Matrix: Water
Analysis Batch: 728926

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 727121

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.10	0.025	mg/L		12/16/25 09:57	12/31/25 18:11	1
Boron	ND		0.050	0.015	mg/L		12/16/25 09:57	12/31/25 18:11	1
Iron	ND		0.10	0.040	mg/L		12/16/25 09:57	12/31/25 18:11	1

Lab Sample ID: LCS 280-727121/2-A
Matrix: Water
Analysis Batch: 728926

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 727121

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	10.0	9.88		mg/L		99	85 - 115
Boron	2.00	1.99		mg/L		99	85 - 115
Iron	10.0	9.73		mg/L		97	85 - 115

Lab Sample ID: 280-218532-B-7-B MS
Matrix: Water
Analysis Batch: 728926

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 727121

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	ND		10.0	10.1		mg/L		101	75 - 125
Boron	0.075		2.00	2.12		mg/L		102	75 - 125
Iron	ND		10.0	9.83		mg/L		98	75 - 125

Lab Sample ID: 280-218532-B-7-C MSD
Matrix: Water
Analysis Batch: 728926

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 727121

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	ND		10.0	10.1		mg/L		101	75 - 125	0	20
Boron	0.075		2.00	2.12		mg/L		102	75 - 125	0	20
Iron	ND		10.0	9.80		mg/L		98	75 - 125	0	20

Method: 200.8 - ICPMS Total Metals

Lab Sample ID: MB 280-727121/1-A
Matrix: Water
Analysis Batch: 727867

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 727121

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 16:19	1
Arsenic	ND		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 16:19	1
Barium	ND		0.0020	0.00055	mg/L		12/16/25 09:57	12/19/25 16:19	1
Cadmium	ND		0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 16:19	1
Copper	ND		0.0020	0.0010	mg/L		12/16/25 09:57	12/19/25 16:19	1
Lead	ND		0.0010	0.00050	mg/L		12/16/25 09:57	12/19/25 16:19	1
Manganese	ND		0.0030	0.0015	mg/L		12/16/25 09:57	12/19/25 16:19	1
Molybdenum	ND		0.0020	0.00050	mg/L		12/16/25 09:57	12/19/25 16:19	1
Uranium	ND		0.0010	0.00025	mg/L		12/16/25 09:57	12/19/25 16:19	1

Method: 200.8 - ICPMS Total Metals (Continued)

Lab Sample ID: MB 280-727121/1-A
Matrix: Water
Analysis Batch: 728124

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 727121

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0050	mg/L		12/16/25 09:57	12/22/25 19:42	1

Lab Sample ID: LCS 280-727121/24-A
Matrix: Water
Analysis Batch: 727867

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 727121

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.105		mg/L		105	85 - 115
Arsenic	0.100	0.107		mg/L		107	85 - 115
Barium	0.100	0.106		mg/L		106	85 - 115
Cadmium	0.100	0.106		mg/L		106	85 - 115
Copper	0.100	0.109		mg/L		109	85 - 115
Lead	0.100	0.107		mg/L		107	85 - 115
Manganese	0.100	0.106		mg/L		106	85 - 115
Molybdenum	0.100	0.105		mg/L		105	85 - 115
Uranium	0.100	0.0982		mg/L		98	85 - 115

Lab Sample ID: LCS 280-727121/24-A
Matrix: Water
Analysis Batch: 728124

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 727121

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.100	0.113		mg/L		113	85 - 115

Lab Sample ID: 280-218532-B-7-E MS
Matrix: Water
Analysis Batch: 727867

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 727121

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND		0.100	0.103		mg/L		103	75 - 125
Arsenic	0.012		0.100	0.112		mg/L		100	75 - 125
Barium	0.21		0.100	0.319		mg/L		108	75 - 125
Cadmium	ND		0.100	0.102		mg/L		102	75 - 125
Copper	0.0011	J	0.100	0.102		mg/L		101	75 - 125
Lead	ND		0.100	0.105		mg/L		105	75 - 125
Manganese	0.0051		0.100	0.104		mg/L		98	75 - 125
Molybdenum	0.0035		0.100	0.106		mg/L		102	75 - 125
Uranium	0.0070		0.100	0.105		mg/L		98	75 - 125

Lab Sample ID: 280-218532-B-7-E MS
Matrix: Water
Analysis Batch: 728124

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 727121

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	ND		0.100	0.103		mg/L		103	75 - 125

Method: 200.8 - ICPMS Total Metals (Continued)

Lab Sample ID: 280-218532-B-7-F MSD
Matrix: Water
Analysis Batch: 727867

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 727121

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND		0.100	0.100		mg/L		100	75 - 125	2	20
Arsenic	0.012		0.100	0.108		mg/L		96	75 - 125	3	20
Barium	0.21		0.100	0.309		mg/L		99	75 - 125	3	20
Cadmium	ND		0.100	0.101		mg/L		101	75 - 125	1	20
Copper	0.0011	J	0.100	0.100		mg/L		99	75 - 125	1	20
Lead	ND		0.100	0.104		mg/L		104	75 - 125	1	20
Manganese	0.0051		0.100	0.103		mg/L		98	75 - 125	0	20
Molybdenum	0.0035		0.100	0.105		mg/L		102	75 - 125	1	20
Uranium	0.0070		0.100	0.103		mg/L		96	75 - 125	2	20

Lab Sample ID: 280-218532-B-7-F MSD
Matrix: Water
Analysis Batch: 728124

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 727121

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	ND		0.100	0.103		mg/L		103	75 - 125	0	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 280-726723/49
Matrix: Water
Analysis Batch: 726723

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.50	0.10	mg/L			12/12/25 23:05	1

Lab Sample ID: LCS 280-726723/47
Matrix: Water
Analysis Batch: 726723

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			5.00	4.86		mg/L		97	90 - 110		

Lab Sample ID: LCSD 280-726723/48
Matrix: Water
Analysis Batch: 726723

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N			5.00	4.85		mg/L		97	90 - 110	0	10

Lab Sample ID: MRL 280-726723/3
Matrix: Water
Analysis Batch: 726723

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			0.500	0.578		mg/L		116	50 - 150		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 280-218648-5 MS
Matrix: Water
Analysis Batch: 726723

Client Sample ID: COMPLIANCE 03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	ND		5.00	4.79		mg/L		96	90 - 110

Lab Sample ID: 280-218648-5 MSD
Matrix: Water
Analysis Batch: 726723

Client Sample ID: COMPLIANCE 03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	ND		5.00	4.78		mg/L		96	90 - 110	0	15

Lab Sample ID: 280-218648-5 DU
Matrix: Water
Analysis Batch: 726723

Client Sample ID: COMPLIANCE 03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate as N	ND		ND		mg/L		NC	15

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 280-727241/205
Matrix: Water
Analysis Batch: 727241

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.20	0.060	mg/L			12/16/25 15:51	1

Lab Sample ID: LCS 280-727241/206
Matrix: Water
Analysis Batch: 727241

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.00	0.987		mg/L		99	90 - 110

Lab Sample ID: 280-218648-1 MS
Matrix: Water
Analysis Batch: 727241

Client Sample ID: CARIBOU PORTAL
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	0.10	J F1	2.00	2.31	F1	mg/L		111	90 - 110

Lab Sample ID: 280-218648-1 MSD
Matrix: Water
Analysis Batch: 727241

Client Sample ID: CARIBOU PORTAL
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.10	J F1	2.00	2.23		mg/L		106	90 - 110	4	10

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 280-727122/1
Matrix: Water
Analysis Batch: 727122

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (TDS)	ND		10	6.0	mg/L			12/16/25 09:58	1

Lab Sample ID: LCS 280-727122/2
Matrix: Water
Analysis Batch: 727122

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids (TDS)	501	497		mg/L		99	88 - 114

Lab Sample ID: 280-218628-C-1 DU
Matrix: Water
Analysis Batch: 727122

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids (TDS)	1000		1040		mg/L		0	10

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 280-727417/14
Matrix: Water
Analysis Batch: 727417

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		2.0	0.50	mg/L			12/17/25 16:27	1

Lab Sample ID: LCS 280-727417/13
Matrix: Water
Analysis Batch: 727417

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	22.0		mg/L		110	90 - 110

Lab Sample ID: 280-218648-1 MS
Matrix: Water
Analysis Batch: 727417

Client Sample ID: CARIBOU PORTAL
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	ND	F1	20.0	24.6	F1	mg/L		123	90 - 110

Lab Sample ID: 280-218648-1 MSD
Matrix: Water
Analysis Batch: 727417

Client Sample ID: CARIBOU PORTAL
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND	F1	20.0	24.5	F1	mg/L		122	90 - 110	1	10

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 280-727238/44
Matrix: Water
Analysis Batch: 727238

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		3.0	1.0	mg/L			12/16/25 16:10	1

Lab Sample ID: LCS 280-727238/43
Matrix: Water
Analysis Batch: 727238

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	25.0	27.1		mg/L		108	90 - 110

Lab Sample ID: 280-218718-C-1 MS
Matrix: Water
Analysis Batch: 727238

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	39	F1	25.0	61.1		mg/L		90	90 - 110

Lab Sample ID: 280-218718-C-1 MSD
Matrix: Water
Analysis Batch: 727238

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	39	F1	25.0	58.1	F1	mg/L		78	90 - 110	5	10

Lab Sample ID: 280-218718-C-15 MS
Matrix: Water
Analysis Batch: 727238

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	2.4	J F2 F1	25.0	29.4		mg/L		108	90 - 110

Lab Sample ID: 280-218718-C-15 MSD
Matrix: Water
Analysis Batch: 727238

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	2.4	J F2 F1	25.0	23.8	F2 F1	mg/L		86	90 - 110	21	10

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Lab Sample ID: MB 160-752797/1-A
Matrix: Water
Analysis Batch: 752988

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 752797

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	0.06786	U	0.435	0.435	3.00	0.835	pCi/L	01/07/26 08:11	01/08/26 21:38	1
Gross Beta	0.6903	U	0.666	0.670	4.00	1.08	pCi/L	01/07/26 08:11	01/08/26 21:38	1

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity (Continued)

Lab Sample ID: LCS 160-752797/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 752988 — **Prep Batch: 752797**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Gross Alpha			51.2	60.43		8.75	3.00	2.26	pCi/L	118	75 - 125		

Lab Sample ID: LCSB 160-752797/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 752988 — **Prep Batch: 752797**

Analyte			Spike Added	LCSB Result	LCSB Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Gross Beta			68.7	76.21		8.19	4.00	1.19	pCi/L	111	75 - 125		

Lab Sample ID: 460-341377-G-13-A MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 752988 — **Prep Batch: 752797**

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Gross Alpha	1.49	U G	140	105.9		18.1	3.00	7.17	pCi/L	74	60 - 140		

Lab Sample ID: 460-341377-K-13-B MSBT — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 752988 — **Prep Batch: 752797**

Analyte	Sample Result	Sample Qual	Spike Added	MSBT Result	MSBT Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Gross Beta	20.0		188	211.9		22.7	4.00	3.03	pCi/L	102	60 - 140		

Lab Sample ID: 460-341377-C-13-A DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 752995 — **Prep Batch: 752797**

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Gross Alpha	1.49	U G		1.060	U G	3.17	3.00	5.96	pCi/L			0.06	1
Gross Beta	20.0			23.67		4.01	4.00	3.11	pCi/L			0.47	1

Method: 901.1 - Cesium 137 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-749955/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 750261 — **Prep Batch: 749955**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Cesium-137	2.579	U G	11.9	11.9	20.0	20.8	pCi/L	12/17/25 13:15	12/19/25 16:48	1

Other Detected Radionuclides	*MB Result*	*MB Qualifier*	*Count Uncert. (2σ+/-)*	*Total Uncert. (2σ+/-)*	*RL*	*MDC*	*Unit*	*Prepared*	*Analyzed*	*Dil Fac*
Other Detected Radionuclide	*None*						*pCi/L*	*12/17/25 13:15*	*12/19/25 16:48*	*1*

Method: 901.1 - Cesium 137 & Other Gamma Emitters (GS) (Continued)

Lab Sample ID: LCS 160-749955/2-A
Matrix: Water
Analysis Batch: 750057

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 749955

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Americium-241			142000	136200		14000		552	pCi/L	96	75 - 125		
Cesium-137			37500	36430		3560	20.0	158	pCi/L	97	75 - 125		
Cobalt-60			49900	48930		4760		90.1	pCi/L	98	75 - 125		

Lab Sample ID: 280-218648-1 DU
Matrix: Water
Analysis Batch: 750058

Client Sample ID: CARIBOU PORTAL
Prep Type: Dissolved
Prep Batch: 749955

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Cesium-137	-1.98	U		-2.653	U G	19.6	20.0	21.9	pCi/L			0.02	1
Other Detected Radionuclides	***Sample Result***	***Sample Qual***		***DU Result***	***DU Qual***	***Total Uncert. (2σ+/-)***	***RL***	***MDC***	***Unit***			***RER***	***RER Limit***
Other Detected Radionuclide	*None*			*None*					*pCi/L*				

Metals

Prep Batch: 727121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218648-1	CARIBOU PORTAL	Dissolved	Water	200.8	
280-218648-2	CROSS PORTAL	Dissolved	Water	200.8	
280-218648-3	CROSS PORTAL 02	Dissolved	Water	200.8	
280-218648-4	COMPLIANCE WELL	Dissolved	Water	200.8	
280-218648-5	COMPLIANCE 03	Dissolved	Water	200.8	
280-218648-6	CROSS WELL	Dissolved	Water	200.7	
280-218648-7	CARIBOU WELL	Dissolved	Water	200.8	
280-218648-8	CARIBOU WELL 02	Dissolved	Water	200.8	
MB 280-727121/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 280-727121/24-A	Lab Control Sample	Total Recoverable	Water	200.8	
LCS 280-727121/2-A	Lab Control Sample	Total Recoverable	Water	200.8	
280-218532-B-7-B MS	Matrix Spike	Dissolved	Water	200.8	
280-218532-B-7-C MSD	Matrix Spike Duplicate	Dissolved	Water	200.8	
280-218532-B-7-E MS	Matrix Spike	Dissolved	Water	200.8	
280-218532-B-7-F MSD	Matrix Spike Duplicate	Dissolved	Water	200.8	

Analysis Batch: 727867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218648-1	CARIBOU PORTAL	Dissolved	Water	200.8	727121
280-218648-2	CROSS PORTAL	Dissolved	Water	200.8	727121
280-218648-3	CROSS PORTAL 02	Dissolved	Water	200.8	727121
280-218648-4	COMPLIANCE WELL	Dissolved	Water	200.8	727121
280-218648-5	COMPLIANCE 03	Dissolved	Water	200.8	727121
280-218648-6	CROSS WELL	Dissolved	Water	200.8	727121
280-218648-7	CARIBOU WELL	Dissolved	Water	200.8	727121
280-218648-8	CARIBOU WELL 02	Dissolved	Water	200.8	727121
MB 280-727121/1-A	Method Blank	Total Recoverable	Water	200.8	727121
LCS 280-727121/24-A	Lab Control Sample	Total Recoverable	Water	200.8	727121
280-218532-B-7-E MS	Matrix Spike	Dissolved	Water	200.8	727121
280-218532-B-7-F MSD	Matrix Spike Duplicate	Dissolved	Water	200.8	727121

Analysis Batch: 728124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218648-1	CARIBOU PORTAL	Dissolved	Water	200.8	727121
280-218648-2	CROSS PORTAL	Dissolved	Water	200.8	727121
280-218648-3	CROSS PORTAL 02	Dissolved	Water	200.8	727121
280-218648-4	COMPLIANCE WELL	Dissolved	Water	200.8	727121
280-218648-5	COMPLIANCE 03	Dissolved	Water	200.8	727121
280-218648-6	CROSS WELL	Dissolved	Water	200.8	727121
280-218648-7	CARIBOU WELL	Dissolved	Water	200.8	727121
280-218648-8	CARIBOU WELL 02	Dissolved	Water	200.8	727121
MB 280-727121/1-A	Method Blank	Total Recoverable	Water	200.8	727121
LCS 280-727121/24-A	Lab Control Sample	Total Recoverable	Water	200.8	727121
280-218532-B-7-E MS	Matrix Spike	Dissolved	Water	200.8	727121
280-218532-B-7-F MSD	Matrix Spike Duplicate	Dissolved	Water	200.8	727121

Analysis Batch: 728926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218648-1	CARIBOU PORTAL	Dissolved	Water	200.7 Rev 4.4	727121
280-218648-2	CROSS PORTAL	Dissolved	Water	200.7 Rev 4.4	727121
280-218648-3	CROSS PORTAL 02	Dissolved	Water	200.7 Rev 4.4	727121

Metals (Continued)

Analysis Batch: 728926 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218648-4	COMPLIANCE WELL	Dissolved	Water	200.7 Rev 4.4	727121
280-218648-5	COMPLIANCE 03	Dissolved	Water	200.7 Rev 4.4	727121
280-218648-6	CROSS WELL	Dissolved	Water	200.7 Rev 4.4	727121
280-218648-7	CARIBOU WELL	Dissolved	Water	200.7 Rev 4.4	727121
280-218648-8	CARIBOU WELL 02	Dissolved	Water	200.7 Rev 4.4	727121
MB 280-727121/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	727121
LCS 280-727121/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	727121
280-218532-B-7-B MS	Matrix Spike	Dissolved	Water	200.7 Rev 4.4	727121
280-218532-B-7-C MSD	Matrix Spike Duplicate	Dissolved	Water	200.7 Rev 4.4	727121

General Chemistry

Analysis Batch: 726723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218648-1	CARIBOU PORTAL	Total/NA	Water	300.0	
280-218648-2	CROSS PORTAL	Total/NA	Water	300.0	
280-218648-3	CROSS PORTAL 02	Total/NA	Water	300.0	
280-218648-4	COMPLIANCE WELL	Total/NA	Water	300.0	
280-218648-5	COMPLIANCE 03	Total/NA	Water	300.0	
280-218648-6	CROSS WELL	Total/NA	Water	300.0	
280-218648-7	CARIBOU WELL	Total/NA	Water	300.0	
280-218648-8	CARIBOU WELL 02	Total/NA	Water	300.0	
MB 280-726723/49	Method Blank	Total/NA	Water	300.0	
LCS 280-726723/47	Lab Control Sample	Total/NA	Water	300.0	
LCSD 280-726723/48	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 280-726723/3	Lab Control Sample	Total/NA	Water	300.0	
280-218648-5 MS	COMPLIANCE 03	Total/NA	Water	300.0	
280-218648-5 MSD	COMPLIANCE 03	Total/NA	Water	300.0	
280-218648-5 DU	COMPLIANCE 03	Total/NA	Water	300.0	

Analysis Batch: 727122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218648-1	CARIBOU PORTAL	Total/NA	Water	SM 2540C	
280-218648-2	CROSS PORTAL	Total/NA	Water	SM 2540C	
280-218648-3	CROSS PORTAL 02	Total/NA	Water	SM 2540C	
280-218648-4	COMPLIANCE WELL	Total/NA	Water	SM 2540C	
280-218648-5	COMPLIANCE 03	Total/NA	Water	SM 2540C	
280-218648-6	CROSS WELL	Total/NA	Water	SM 2540C	
280-218648-7	CARIBOU WELL	Total/NA	Water	SM 2540C	
280-218648-8	CARIBOU WELL 02	Total/NA	Water	SM 2540C	
MB 280-727122/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 280-727122/2	Lab Control Sample	Total/NA	Water	SM 2540C	
280-218628-C-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 727238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218648-1	CARIBOU PORTAL	Total/NA	Water	SM 4500 SO4 E	
280-218648-2	CROSS PORTAL	Total/NA	Water	SM 4500 SO4 E	
280-218648-3	CROSS PORTAL 02	Total/NA	Water	SM 4500 SO4 E	
280-218648-4	COMPLIANCE WELL	Total/NA	Water	SM 4500 SO4 E	
280-218648-5	COMPLIANCE 03	Total/NA	Water	SM 4500 SO4 E	

General Chemistry (Continued)

Analysis Batch: 727238 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218648-6	CROSS WELL	Total/NA	Water	SM 4500 SO4 E	
280-218648-7	CARIBOU WELL	Total/NA	Water	SM 4500 SO4 E	
280-218648-8	CARIBOU WELL 02	Total/NA	Water	SM 4500 SO4 E	
MB 280-727238/44	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 280-727238/43	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
280-218718-C-1 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
280-218718-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	
280-218718-C-15 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
280-218718-C-15 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 727241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218648-1	CARIBOU PORTAL	Total/NA	Water	353.2	
280-218648-2	CROSS PORTAL	Total/NA	Water	353.2	
280-218648-3	CROSS PORTAL 02	Total/NA	Water	353.2	
280-218648-4	COMPLIANCE WELL	Total/NA	Water	353.2	
280-218648-5	COMPLIANCE 03	Total/NA	Water	353.2	
280-218648-6	CROSS WELL	Total/NA	Water	353.2	
280-218648-7	CARIBOU WELL	Total/NA	Water	353.2	
280-218648-8	CARIBOU WELL 02	Total/NA	Water	353.2	
MB 280-727241/205	Method Blank	Total/NA	Water	353.2	
LCS 280-727241/206	Lab Control Sample	Total/NA	Water	353.2	
280-218648-1 MS	CARIBOU PORTAL	Total/NA	Water	353.2	
280-218648-1 MSD	CARIBOU PORTAL	Total/NA	Water	353.2	

Analysis Batch: 727417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218648-1	CARIBOU PORTAL	Total/NA	Water	SM 4500 Cl- E	
280-218648-2	CROSS PORTAL	Total/NA	Water	SM 4500 Cl- E	
280-218648-3	CROSS PORTAL 02	Total/NA	Water	SM 4500 Cl- E	
280-218648-4	COMPLIANCE WELL	Total/NA	Water	SM 4500 Cl- E	
280-218648-5	COMPLIANCE 03	Total/NA	Water	SM 4500 Cl- E	
280-218648-6	CROSS WELL	Total/NA	Water	SM 4500 Cl- E	
280-218648-7	CARIBOU WELL	Total/NA	Water	SM 4500 Cl- E	
280-218648-8	CARIBOU WELL 02	Total/NA	Water	SM 4500 Cl- E	
MB 280-727417/14	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 280-727417/13	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
280-218648-1 MS	CARIBOU PORTAL	Total/NA	Water	SM 4500 Cl- E	
280-218648-1 MSD	CARIBOU PORTAL	Total/NA	Water	SM 4500 Cl- E	

Rad

Prep Batch: 749955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218648-1	CARIBOU PORTAL	Dissolved	Water	Fill_Geo-0	
280-218648-2	CROSS PORTAL	Dissolved	Water	Fill_Geo-0	
280-218648-3	CROSS PORTAL 02	Dissolved	Water	Fill_Geo-0	
280-218648-4	COMPLIANCE WELL	Dissolved	Water	Fill_Geo-0	
280-218648-5	COMPLIANCE 03	Dissolved	Water	Fill_Geo-0	
280-218648-6	CROSS WELL	Dissolved	Water	Fill_Geo-0	
280-218648-7	CARIBOU WELL	Dissolved	Water	Fill_Geo-0	

Rad (Continued)

Prep Batch: 749955 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218648-8	CARIBOU WELL 02	Dissolved	Water	Fill_Geo-0	
MB 160-749955/1-A	Method Blank	Total/NA	Water	Fill_Geo-0	
LCS 160-749955/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-0	
280-218648-1 DU	CARIBOU PORTAL	Dissolved	Water	Fill_Geo-0	

Prep Batch: 752797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218648-1	CARIBOU PORTAL	Dissolved	Water	Evaporation	
280-218648-2	CROSS PORTAL	Dissolved	Water	Evaporation	
280-218648-3	CROSS PORTAL 02	Dissolved	Water	Evaporation	
280-218648-4	COMPLIANCE WELL	Dissolved	Water	Evaporation	
280-218648-5	COMPLIANCE 03	Dissolved	Water	Evaporation	
280-218648-6	CROSS WELL	Dissolved	Water	Evaporation	
280-218648-7	CARIBOU WELL	Dissolved	Water	Evaporation	
280-218648-8	CARIBOU WELL 02	Dissolved	Water	Evaporation	
MB 160-752797/1-A	Method Blank	Total/NA	Water	Evaporation	
LCS 160-752797/2-A	Lab Control Sample	Total/NA	Water	Evaporation	
LCSB 160-752797/3-A	Lab Control Sample	Total/NA	Water	Evaporation	
460-341377-G-13-A MS	Matrix Spike	Total/NA	Water	Evaporation	
460-341377-K-13-B MSBT	Matrix Spike	Total/NA	Water	Evaporation	
460-341377-C-13-A DU	Duplicate	Total/NA	Water	Evaporation	

Client Sample ID: CARIBOU PORTAL

Lab Sample ID: 280-218648-1

Date Collected: 12/11/25 13:00

Matrix: Water

Date Received: 12/12/25 17:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.7 Rev 4.4		1			728926	12/31/25 20:17	ADL	EET DEN
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.8		1			728124	12/22/25 20:16	LMT	EET DEN
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.8		1			727867	12/19/25 16:58	LMT	EET DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	726723	12/13/25 03:06	IRC	EET DEN
Total/NA	Analysis	353.2		1	100 mL	100 mL	727241	12/16/25 15:54	AKF	EET DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	727122	12/16/25 09:58	YB	EET DEN
Total/NA	Analysis	SM 4500 Cl- E		1	2 mL	2 mL	727417	12/17/25 16:27	BCR	EET DEN
Total/NA	Analysis	SM 4500 SO4 E		1	2 mL	2 mL	727238	12/16/25 16:11	BCR	EET DEN
Dissolved	Prep	Evaporation			200.00 mL	1.0 g	752797	01/07/26 08:11	OGC	EET SL
Dissolved	Analysis	900.0		1			752988	01/08/26 21:37	FLC	EET SL
Dissolved	Prep	Fill_Geo-0			1000 mL	1.0 g	749955	12/17/25 13:15	DC	EET SL
Dissolved	Analysis	901.1		1			749879	12/17/25 22:23	MLS	EET SL

Client Sample ID: CROSS PORTAL

Lab Sample ID: 280-218648-2

Date Collected: 12/11/25 14:00

Matrix: Water

Date Received: 12/12/25 17:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.7 Rev 4.4		1			728926	12/31/25 20:21	ADL	EET DEN
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.8		1			728124	12/22/25 20:20	LMT	EET DEN
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.8		1			727867	12/19/25 17:00	LMT	EET DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	726723	12/13/25 03:20	IRC	EET DEN
Total/NA	Analysis	353.2		1	100 mL	100 mL	727241	12/16/25 15:58	AKF	EET DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	727122	12/16/25 09:58	YB	EET DEN
Total/NA	Analysis	SM 4500 Cl- E		1	2 mL	2 mL	727417	12/17/25 16:27	BCR	EET DEN
Total/NA	Analysis	SM 4500 SO4 E		1	2 mL	2 mL	727238	12/16/25 16:11	BCR	EET DEN
Dissolved	Prep	Evaporation			200.01 mL	1.0 g	752797	01/07/26 08:11	OGC	EET SL
Dissolved	Analysis	900.0		1			752988	01/08/26 21:38	FLC	EET SL
Dissolved	Prep	Fill_Geo-0			1000 mL	1.0 g	749955	12/17/25 13:15	DC	EET SL
Dissolved	Analysis	901.1		1			749880	12/17/25 22:24	MLS	EET SL

Client Sample ID: CROSS PORTAL 02

Lab Sample ID: 280-218648-3

Date Collected: 12/11/25 14:00

Matrix: Water

Date Received: 12/12/25 17:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.7 Rev 4.4		1			728926	12/31/25 20:26	ADL	EET DEN

Lab Chronicle

Client: Grand Island Resources
Job ID: 280-218648-1
Project/Site: Nederland, CO - Groundwater

Client Sample ID: CROSS PORTAL 02
Lab Sample ID: 280-218648-3

Date Collected: 12/11/25 14:00
Matrix: Water
Date Received: 12/12/25 17:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.8		1			728124	12/22/25 20:23	LMT	EET DEN
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.8		1			727867	12/19/25 17:02	LMT	EET DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	726723	12/13/25 03:34	IRC	EET DEN
Total/NA	Analysis	353.2		1	100 mL	100 mL	727241	12/16/25 15:59	AKF	EET DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	727122	12/16/25 09:58	YB	EET DEN
Total/NA	Analysis	SM 4500 Cl- E		1	2 mL	2 mL	727417	12/17/25 16:28	BCR	EET DEN
Total/NA	Analysis	SM 4500 SO4 E		1	2 mL	2 mL	727238	12/16/25 16:11	BCR	EET DEN
Dissolved	Prep	Evaporation			200.01 mL	1.0 g	752797	01/07/26 08:11	OGC	EET SL
Dissolved	Analysis	900.0		1			752988	01/08/26 21:38	FLC	EET SL
Dissolved	Prep	Fill_Geo-0			1000 mL	1.0 g	749955	12/17/25 13:15	DC	EET SL
Dissolved	Analysis	901.1		1			750060	12/18/25 10:23	MLS	EET SL

Client Sample ID: COMPLIANCE WELL
Lab Sample ID: 280-218648-4

Date Collected: 12/12/25 11:00
Matrix: Water
Date Received: 12/12/25 17:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.7 Rev 4.4		1			728926	12/31/25 20:30	ADL	EET DEN
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.8		1			728124	12/22/25 20:27	LMT	EET DEN
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.8		1			727867	12/19/25 17:09	LMT	EET DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	726723	12/13/25 03:48	IRC	EET DEN
Total/NA	Analysis	353.2		1	100 mL	100 mL	727241	12/16/25 16:00	AKF	EET DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	727122	12/16/25 09:58	YB	EET DEN
Total/NA	Analysis	SM 4500 Cl- E		1	2 mL	2 mL	727417	12/17/25 16:28	BCR	EET DEN
Total/NA	Analysis	SM 4500 SO4 E		1	2 mL	2 mL	727238	12/16/25 16:12	BCR	EET DEN
Dissolved	Prep	Evaporation			200.01 mL	1.0 g	752797	01/07/26 08:11	OGC	EET SL
Dissolved	Analysis	900.0		1			752988	01/08/26 21:38	FLC	EET SL
Dissolved	Prep	Fill_Geo-0			1000 mL	1.0 g	749955	12/17/25 13:15	DC	EET SL
Dissolved	Analysis	901.1		1			750055	12/18/25 14:44	MLS	EET SL

Client Sample ID: COMPLIANCE 03
Lab Sample ID: 280-218648-5

Date Collected: 12/12/25 11:00
Matrix: Water
Date Received: 12/12/25 17:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.7 Rev 4.4		1			728926	12/31/25 20:47	ADL	EET DEN
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.8		1			728124	12/22/25 20:30	LMT	EET DEN

Client Sample ID: COMPLIANCE 03
Lab Sample ID: 280-218648-5

Date Collected: 12/12/25 11:00
Matrix: Water
Date Received: 12/12/25 17:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.8		1			727867	12/19/25 17:11	LMT	EET DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	726723	12/13/25 04:02	IRC	EET DEN
Total/NA	Analysis	353.2		1	100 mL	100 mL	727241	12/16/25 16:01	AKF	EET DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	727122	12/16/25 09:58	YB	EET DEN
Total/NA	Analysis	SM 4500 Cl- E		1	2 mL	2 mL	727417	12/17/25 16:28	BCR	EET DEN
Total/NA	Analysis	SM 4500 SO4 E		1	2 mL	2 mL	727238	12/16/25 16:12	BCR	EET DEN
Dissolved	Prep	Evaporation			200.01 mL	1.0 g	752797	01/07/26 08:11	OGC	EET SL
Dissolved	Analysis	900.0		1			752988	01/08/26 21:39	FLC	EET SL
Dissolved	Prep	Fill_Geo-0			1000 mL	1.0 g	749955	12/17/25 13:15	DC	EET SL
Dissolved	Analysis	901.1		1			750060	12/18/25 14:43	MLS	EET SL

Client Sample ID: CROSS WELL
Lab Sample ID: 280-218648-6

Date Collected: 12/12/25 13:00
Matrix: Water
Date Received: 12/12/25 17:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200.7			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.7 Rev 4.4		1			728926	12/31/25 20:51	ADL	EET DEN
Dissolved	Prep	200.7			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.8		1			728124	12/22/25 20:34	LMT	EET DEN
Dissolved	Prep	200.7			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.8		1			727867	12/19/25 17:13	LMT	EET DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	726723	12/13/25 04:59	IRC	EET DEN
Total/NA	Analysis	353.2		1	100 mL	100 mL	727241	12/16/25 16:03	AKF	EET DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	727122	12/16/25 09:58	YB	EET DEN
Total/NA	Analysis	SM 4500 Cl- E		1	2 mL	2 mL	727417	12/17/25 16:28	BCR	EET DEN
Total/NA	Analysis	SM 4500 SO4 E		1	2 mL	2 mL	727238	12/16/25 16:12	BCR	EET DEN
Dissolved	Prep	Evaporation			200.01 mL	1.0 g	752797	01/07/26 08:11	OGC	EET SL
Dissolved	Analysis	900.0		1			752995	01/08/26 21:41	FLC	EET SL
Dissolved	Prep	Fill_Geo-0			1000 mL	1.0 g	749955	12/17/25 13:15	DC	EET SL
Dissolved	Analysis	901.1		1			750258	12/19/25 16:47	MLS	EET SL

Client Sample ID: CARIBOU WELL
Lab Sample ID: 280-218648-7

Date Collected: 12/12/25 13:30
Matrix: Water
Date Received: 12/12/25 17:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.7 Rev 4.4		1			728926	12/31/25 20:55	ADL	EET DEN
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.8		1			728124	12/22/25 20:37	LMT	EET DEN
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.8		1			727867	12/19/25 17:15	LMT	EET DEN

Lab Chronicle

Client: Grand Island Resources
Job ID: 280-218648-1
Project/Site: Nederland, CO - Groundwater

Client Sample ID: CARIBOU WELL
Lab Sample ID: 280-218648-7
Date Collected: 12/12/25 13:30
Matrix: Water
Date Received: 12/12/25 17:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	10 mL	10 mL	726723	12/13/25 05:13	IRC	EET DEN
Total/NA	Analysis	353.2		1	100 mL	100 mL	727241	12/16/25 16:04	AKF	EET DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	727122	12/16/25 09:58	YB	EET DEN
Total/NA	Analysis	SM 4500 Cl- E		1	2 mL	2 mL	727417	12/17/25 16:28	BCR	EET DEN
Total/NA	Analysis	SM 4500 SO4 E		1	2 mL	2 mL	727238	12/16/25 16:12	BCR	EET DEN
Dissolved	Prep	Evaporation			200.01 mL	1.0 g	752797	01/07/26 08:11	OGC	EET SL
Dissolved	Analysis	900.0		1			752995	01/08/26 21:40	FLC	EET SL
Dissolved	Prep	Fill_Geo-0			1000 mL	1.0 g	749955	12/17/25 13:15	DC	EET SL
Dissolved	Analysis	901.1		1			750253	12/19/25 16:46	MLS	EET SL

Client Sample ID: CARIBOU WELL 02
Lab Sample ID: 280-218648-8
Date Collected: 12/12/25 13:30
Matrix: Water
Date Received: 12/12/25 17:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.7 Rev 4.4		1			728926	12/31/25 21:00	ADL	EET DEN
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.8		1			728124	12/22/25 20:40	LMT	EET DEN
Dissolved	Prep	200.8			50 mL	50 mL	727121	12/16/25 09:57	AR	EET DEN
Dissolved	Analysis	200.8		1			727867	12/19/25 17:17	LMT	EET DEN
Total/NA	Analysis	300.0		1	10 mL	10 mL	726723	12/13/25 05:27	IRC	EET DEN
Total/NA	Analysis	353.2		1	100 mL	100 mL	727241	12/16/25 16:05	AKF	EET DEN
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	727122	12/16/25 09:58	YB	EET DEN
Total/NA	Analysis	SM 4500 Cl- E		1	2 mL	2 mL	727417	12/17/25 16:28	BCR	EET DEN
Total/NA	Analysis	SM 4500 SO4 E		1	2 mL	2 mL	727238	12/16/25 17:19	BCR	EET DEN
Dissolved	Prep	Evaporation			200.01 mL	1.0 g	752797	01/07/26 08:11	OGC	EET SL
Dissolved	Analysis	900.0		1			752995	01/08/26 21:41	FLC	EET SL
Dissolved	Prep	Fill_Geo-0			1000 mL	1.0 g	749955	12/17/25 13:15	DC	EET SL
Dissolved	Analysis	901.1		1			750259	12/19/25 15:11	MLS	EET SL

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Grand Island Resources
Job ID: 280-218648-1
Project/Site: Nederland, CO - Groundwater

Laboratory: Eurofins Denver

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4025	01-08-26

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Louisiana (All)	NELAP	106151	06-30-26

Eurofins TestAmerica, Denver
4955 Yarrow Street
Arvada, CO 80002
Phone (303) 736-0100 Phone (303) 431-7171

Chain of Custody Record

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280-218648 Chain of Custody

Client Information	Sampler: BM	Lab PM: Bieniulis, Dylan T	Carrier Tr...
Client Contact: Brooke Molson Moran	Phone: 303-506-1618	E-Mail: Dylan.Bieniulis@et.eurofinsus.com	State o...
Company: Grand Island Resources	PWSID:		
Address: 12567 West Cedar Road Suite 250	Due Date Requested		
City: Lakewood	TAT Requested (days)		
State, Zip: CO, 80466	Compliance Project: Δ Yes Δ No		
Phone: 315-414-6986	PO #: Not required		
Email: bmolsonm@g.emporia.edu	WO #:		
Project Name: Nederland, CO	Project #: 28025589		
Site: Groundwater Sampling	SSOW#:		

Analysis Request

B NaOH, C - Zn Acetate, D Nitric Acid, E - NaHSO4, F - MeOH, G Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P Na2O4S, Q - Na2SO3, R Na2S2O3, S - H2SO4, T TSP Dodecahydrate, U - Acetone, V MCAA, W - pH 4-5, Z other (specify), Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.7/200.8 - Dissolved Metals (Grounwater Permit List) (Field Filtered) D	SM4500_SO4_E - Sulfate, SM4500_Cl_E - Chloride, and 300.0 Nitrate N	353.2 - Nitrate/Nitrite as N S	2540C - TDS N	900.0 - Gross Alpha and Gross Beta (Field Filtered) (Eurofins TestAmerica St. Louis) D	901.1 - Beta/Photon Emitters + TICs (Field Filtered) (Eurofins TestAmerica St. Louis) D	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
CARIBOU PORTAL	12/11/25	13:00	G	W			X	X	X	X	X	X	6	300 0 Nitrate = 48 hour hold time
CROSS PORTAL	12/11/25	14:00	G	W			X	X	X	X	X	X	6	* Groundwater Dissolved Metals Permit List = 200 7 (Al, B, Fe) and 200 8 (Sb, As Ba, Cd, Cu Pb Mn, Mo U, Zn)
CROSS PORTAL 02	12/11/25	14:00	G	W			X	X	X	X	X	X	6	
COMPLIANCE WELL	12/12/25	11:00	G	W			X	X	X	X	X	X	6	NITRIC-PRESERVED
COMPLIANCE 03	12/12/25	11:00	G	W			X	X	X	X	X	X	7	BOTTLES
CROSS WELL	12/12/25	13:00	G	W			X	X	X	X	X	X	6	FIELD-FILTERED
CARIBOU WELL	12/12/25	13:30	G	W			X	X	X	X	X	X	6	
CARIBOU WELL 02	12/12/25	13:30	G	W			X	X	X	X	X	X	6	Compliance 03 has 2 bottles for Beta/photon analysis.

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Brooke Molson	12/12/25 15:10	GIR	SP Brecoek	12/12/25 15:12	GIR
SP Brecoek	12/12/25 17:35	GIR		12/12/25 1735	EETDEN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
		3.6, 4.0, 2.8, 3.3 IR#'s CF-0.2

Ver: 01/16/2019

Eurofins Denver
4955 Yarrow Street
Arvada, CO 80002
Phone: 303-736-0100 Fax: 303-431-7171

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bieniulis, Dylan T	Carrier Tracking No(s): N/A	COC No: 280-779594.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Dylan.Bieniulis@et.eurofinsus.com	State of Origin: Colorado	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Louisiana (All); NELAP - Oregon		Job #: 280-218648-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 1/21/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Nederland, CO - Groundwater	Project #: 28025589			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	901.1_Cs/FIELD_FLTRD(MOD) Cesium-137 only	900.0/FIELD_FLTRDStandard Target List	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
CARIBOU PORTAL (280-218648-1)	12/11/25	13:00 Mountain	G	Water			X	X	2	
CROSS PORTAL (280-218648-2)	12/11/25	14:00 Mountain	G	Water			X	X	2	
CROSS PORTAL 02 (280-218648-3)	12/11/25	14:00 Mountain	G	Water			X	X	2	
COMPLIANCE WELL (280-218648-4)	12/12/25	11:00 Mountain	G	Water			X	X	2	
COMPLIANCE 03 (280-218648-5)	12/12/25	11:00 Mountain	G	Water			X	X	3	
CROSS WELL (280-218648-6)	12/12/25	13:00 Mountain	G	Water			X	X	2	
CARIBOU WELL (280-218648-7)	12/12/25	13:30 Mountain	G	Water			X	X	2	
CARIBOU WELL 02 (280-218648-8)	12/12/25	13:30 Mountain	G	Water			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	12-15-25 15:00	Eurofins		0935 DEC 16 2025	
Relinquished by:	Date/Time:	Company	Received by: Cheyenne	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Grand Island Resources

Job Number: 280-218648-1

Login Number: 218648

List Source: Eurofins Denver

List Number: 1

Creator: Little, Matthew L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Grand Island Resources

Job Number: 280-218648-1

Login Number: 218648
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 12/16/25 01:28 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX B OUTFALL-001 ANALYTICAL RESULTS

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ANALYTICAL REPORT

PREPARED FOR

Attn: Brooke Molson Moran
Grand Island Resources
12567 West Cedar Road
Suite 110
Lakewood, Colorado 80228

Generated 10/30/2025 4:42:50 PM

JOB DESCRIPTION

Nederland, CO

JOB NUMBER

280-215404-1

Eurofins Denver
4955 Yarrow Street
Arvada CO 80002

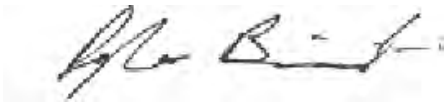
See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



Generated
10/30/2025 4:42:50 PM

Authorized for release by
Dylan Bieniulis, Project Manager I
Dylan.Bieniulis@et.eurofinsus.com
(303)736-0138

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Definitions/Glossary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-215404-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

Glossary

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

Job Narrative
280-215404-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report may include reporting limits (RLs) lower than Eurofins Environmental Testing standard reporting limits. The reported sample results and associated reporting limits are being used specifically to meet the needs of this project. Note that data are not normally reported to these levels without qualification because they are inherently less reliable and potentially less defensible than required by the latest industry standards.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

If potentially dissolved silver by method 200.8 is requested for samples on the chain of custody, this report contains a client specific, custom reporting limit.

Receipt
The sample was received on 10/20/2025 3:25 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C.

Method 1631E - Mercury, Low Level (CVAFS)
Sample OUTFALL-001 (280-215404-1) was analyzed for Mercury, Low Level (CVAFS). The sample was prepared on 10/22/2025 and analyzed on 10/23/2025.

Method 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable
Sample OUTFALL-001 (280-215404-1) was analyzed for Metals (ICP) - Total Recoverable. The sample was prepared on 10/22/2025 and analyzed on 10/24/2025 and 10/25/2025.

Method 200.8 - Metals (ICP/MS) - Potentially Dissolved
Sample OUTFALL-001 (280-215404-1) was analyzed for Metals (ICP/MS) - Potentially Dissolved. The sample was prepared on 10/20/2025 and analyzed on 10/27/2025.

Method 200.8 - Metals (ICP/MS) - Total Recoverable
Sample OUTFALL-001 (280-215404-1) was analyzed for Metals (ICP/MS) - Total Recoverable. The sample was prepared on 10/22/2025 and analyzed on 10/27/2025 and 10/28/2025.

Method 245.1 - Mercury (CVAA)
Sample OUTFALL-001 (280-215404-1) was analyzed for Mercury (CVAA). The sample was prepared and analyzed on 10/21/2025.

Method SM 2510B - Conductivity, Specific Conductance
Sample OUTFALL-001 (280-215404-1) was analyzed for Conductivity, Specific Conductance. The sample was analyzed on 10/23/2025.

Method SM 2540D - Solids, Total Suspended (TSS)
Sample OUTFALL-001 (280-215404-1) was analyzed for Solids, Total Suspended (TSS). The sample was analyzed on 10/22/2025.

Method SM 3500 CR B - Chromium, Hexavalent

Job ID: 280-215404-1 (Continued) Eurofins Denver

Sample OUTFALL-001 (280-215404-1) was analyzed for Chromium, Hexavalent. The sample was analyzed on 10/20/2025.

Method SM 3500 CR B - Chromium, Hexavalent - Dissolved
Sample OUTFALL-001 (280-215404-1) was analyzed for Chromium, Hexavalent - Dissolved. The sample was analyzed on 10/20/2025.

Method SM3500 CR B - Chromium, Trivalent - Potentially Dissolved
Sample OUTFALL-001 (280-215404-1) was analyzed for Chromium, Trivalent - Potentially Dissolved. The sample was analyzed on 10/29/2025.

Method SM3500 CR B - Chromium, Trivalent - Total Recoverable
Sample OUTFALL-001 (280-215404-1) was analyzed for Chromium, Trivalent - Total Recoverable. The sample was analyzed on 10/29/2025.

Method SM 4500 H+ B - pH
Sample OUTFALL-001 (280-215404-1) was analyzed for pH. The sample was analyzed on 10/22/2025.

Method SM 4500 S2 D - Sulfide, Total
Sample OUTFALL-001 (280-215404-1) was analyzed for Sulfide, Total. The sample was analyzed on 10/21/2025.

Method SM4500 S2 H - Unionized Hydrogen Sulfide
Sample OUTFALL-001 (280-215404-1) was analyzed for Unionized Hydrogen Sulfide. The sample was analyzed on 10/21/2025.

Detection Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-215404-1

Client Sample ID: OUTFALL-001 — Lab Sample ID: 280-215404-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	3.1		0.50	0.20	ng/L	1		1631E	Total/NA
Cadmium	0.25	J	1.0	0.25	ug/L	1		200.8	Total Recoverable
Lead	1.0		1.0	0.50	ug/L	1		200.8	Total Recoverable
Zinc	80		10	5.0	ug/L	1		200.8	Total Recoverable
Cadmium	0.29	J	1.0	0.25	ug/L	1		200.8	Potentially Dissolved
Lead	0.72	J	1.0	0.50	ug/L	1		200.8	Potentially Dissolved
Zinc	81		10	5.0	ug/L	1		200.8	Potentially Dissolved
Specific Conductance	240		2.0	2.0	umhos/cm	1		SM 2510B	Total/NA
pH adj. to 25 deg C	7.8	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	19.4	HF	1.0	1.0	Degrees C	1		SM 4500 H+ B	Total/NA
Field pH	7.8		1.0	1.0	SU	1		SM4500 S2 H	Total/NA
Field Temperature	19		1.0	1.0	Celsius	1		SM4500 S2 H	Total/NA
Specific Conductance	240		2.0	2.0	umhos/cm	1		SM4500 S2 H	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-215404-1

Method	Method Description	Protocol	Laboratory
1631E	Mercury, Low Level (CVAFS)	EPA	EET PEN
200.7 Rev 4.4	Metals (ICP)	EPA	EET DEN
200.8	Metals (ICP/MS)	EPA	EET DEN
245.1	Mercury (CVAA)	EPA	EET DEN
SM 2510B	Conductivity, Specific Conductance	SM	EET DEN
SM 2540D	Solids, Total Suspended (TSS)	SM	EET DEN
SM 3500 CR B	Chromium, Hexavalent	SM	EET DEN
SM 4500 H+ B	pH	SM	EET DEN
SM 4500 S2 D	Sulfide, Total	SM	EET DEN
SM3500 CR B	Chromium, Trivalent	SM	EET DEN
SM4500 S2 H	Unionized Hydrogen Sulfide	SM	EET DEN
1631E	Preparation, Mercury, Low Level	EPA	EET PEN
200.7	Preparation, Total Recoverable Metals	EPA	EET DEN
200.8	Preparation, Total Recoverable Metals	EPA	EET DEN
245.1	Preparation, Mercury	EPA	EET DEN
FILTRATION	Sample Filtration	None	EET DEN
Poten_Diss_Met	Filtration for Potentially Dissolved Metals	EPA	EET DEN

Protocol References:

EPA = US Environmental Protection Agency

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-215404-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
280-215404-1	OUTFALL-001	Water	10/20/25 13:30	10/20/25 15:25	Colorado

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Client Sample ID: OUTFALL-001
Date Collected: 10/20/25 13:30
Date Received: 10/20/25 15:25

Lab Sample ID: 280-215404-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**3.1**		0.50	0.20	ng/L		10/22/25 14:40	10/23/25 11:16	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Client Sample ID: OUTFALL-001
Date Collected: 10/20/25 13:30
Date Received: 10/20/25 15:25

Lab Sample ID: 280-215404-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		100	40	ug/L		10/22/25 09:14	10/25/25 02:43	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Client Sample ID: OUTFALL-001
Date Collected: 10/20/25 13:30
Date Received: 10/20/25 15:25

Lab Sample ID: 280-215404-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.50	ug/L		10/22/25 09:14	10/27/25 22:28	1
Cadmium	**0.25**	**J**	1.0	0.25	ug/L		10/22/25 09:14	10/28/25 22:04	1
Chromium	ND		3.0	1.0	ug/L		10/22/25 09:14	10/27/25 22:28	1
Copper	ND		2.0	1.0	ug/L		10/22/25 09:14	10/27/25 22:28	1
Lead	**1.0**		1.0	0.50	ug/L		10/22/25 09:14	10/28/25 22:04	1
Zinc	**80**		10	5.0	ug/L		10/22/25 09:14	10/28/25 22:04	1

Method: EPA 200.8 - Metals (ICP/MS) - Potentially Dissolved

Client Sample ID: OUTFALL-001
Date Collected: 10/20/25 13:30
Date Received: 10/20/25 15:25

Lab Sample ID: 280-215404-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.50	ug/L		10/20/25 21:21	10/27/25 15:45	1
Cadmium	**0.29**	**J**	1.0	0.25	ug/L		10/20/25 21:21	10/27/25 15:45	1
Chromium	ND		3.0	1.0	ug/L		10/20/25 21:21	10/27/25 15:45	1
Copper	ND		2.0	1.0	ug/L		10/20/25 21:21	10/27/25 15:45	1
Lead	**0.72**	**J**	1.0	0.50	ug/L		10/20/25 21:21	10/27/25 15:45	1
Manganese	ND		3.0	1.5	ug/L		10/20/25 21:21	10/27/25 15:45	1
Nickel	ND		3.0	1.0	ug/L		10/20/25 21:21	10/27/25 15:45	1
Selenium	ND		2.0	0.50	ug/L		10/20/25 21:21	10/27/25 15:45	1
Silver	ND		0.50	0.25	ug/L		10/20/25 21:21	10/27/25 15:45	1
Zinc	**81**		10	5.0	ug/L		10/20/25 21:21	10/27/25 15:45	1

Method: EPA 245.1 - Mercury (CVAA)

Client Sample ID: OUTFALL-001
Date Collected: 10/20/25 13:30
Date Received: 10/20/25 15:25

Lab Sample ID: 280-215404-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.060	ug/L		10/21/25 11:14	10/21/25 19:38	1

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-215404-1

General Chemistry

Client Sample ID: OUTFALL-001
Date Collected: 10/20/25 13:30
Date Received: 10/20/25 15:25

Lab Sample ID: 280-215404-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance (SM 2510B)	**240**		2.0	2.0	umhos/cm			10/23/25 21:43	1
Total Suspended Solids (SM 2540D)	ND		4.0	1.5	mg/L			10/22/25 10:41	1
Chromium, hexavalent (SM 3500 CR B)	ND		20	5.0	ug/L			10/20/25 17:17	1
pH adj. to 25 deg C (SM 4500 H+ B)	**7.8**	**HF**	0.1	0.1	SU			10/22/25 05:23	1
Temperature (SM 4500 H+ B)	**19.4**	**HF**	1.0	1.0	Degrees C			10/22/25 05:23	1
Sulfide (SM 4500 S2 D)	ND		0.050	0.035	mg/L			10/21/25 16:10	1
Un-ionized Hydrogen Sulfide (SM4500 S2 H)	ND		1.0	1.0	mg/L			10/21/25 22:56	1
Field pH (SM4500 S2 H)	**7.8**		1.0	1.0	SU			10/21/25 22:56	1
Field Temperature (SM4500 S2 H)	**19**		1.0	1.0	Celsius			10/21/25 22:56	1
Specific Conductance (SM4500 S2 H)	**240**		2.0	2.0	umhos/cm			10/21/25 22:56	1
Sulfide (SM4500 S2 H)	ND		1.0	1.0	mg/L			10/21/25 22:56	1

General Chemistry - Total Recoverable

Client Sample ID: OUTFALL-001
Date Collected: 10/20/25 13:30
Date Received: 10/20/25 15:25

Lab Sample ID: 280-215404-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, trivalent (SM3500 CR B)	ND		3.0	3.0	ug/L			10/29/25 10:54	1

General Chemistry - Dissolved

Client Sample ID: OUTFALL-001
Date Collected: 10/20/25 13:30
Date Received: 10/20/25 15:25

Lab Sample ID: 280-215404-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SM 3500 CR B)	ND		20	5.0	ug/L			10/20/25 17:14	1

General Chemistry - Potentially Dissolved

Client Sample ID: OUTFALL-001
Date Collected: 10/20/25 13:30
Date Received: 10/20/25 15:25

Lab Sample ID: 280-215404-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, trivalent (dissolved) (SM3500 CR B)	ND		3.0	3.0	ug/L			10/29/25 10:54	1

Method: 1631E - Mercury, Low Level (CVAFS)

Lab Sample ID: MB 400-727807/3-A
Matrix: Water
Analysis Batch: 727909

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 727807

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.50	0.20	ng/L		10/22/25 16:00	10/23/25 10:53	1

Lab Sample ID: LCS 400-727807/4-A
Matrix: Water
Analysis Batch: 727909

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 727807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	5.33		ng/L		107	79 - 121

Lab Sample ID: LCSD 400-727807/5-A
Matrix: Water
Analysis Batch: 727909

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 727807

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	5.00	5.41		ng/L		108	79 - 121	1	20

Lab Sample ID: 280-215404-1 MS
Matrix: Water
Analysis Batch: 727909

Client Sample ID: OUTFALL-001
Prep Type: Total/NA
Prep Batch: 727807

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	3.1		5.00	8.01		ng/L		97	71 - 125

Lab Sample ID: 280-215404-1 MSD
Matrix: Water
Analysis Batch: 727909

Client Sample ID: OUTFALL-001
Prep Type: Total/NA
Prep Batch: 727807

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	3.1		5.00	8.35		ng/L		104	71 - 125	4	24

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 280-718950/1-A
Matrix: Water
Analysis Batch: 719491

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 718950

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		100	40	ug/L		10/22/25 09:14	10/24/25 03:24	1

Lab Sample ID: LCS 280-718950/2-A
Matrix: Water
Analysis Batch: 719491

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 718950

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	10000	9660		ug/L		97	85 - 115

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 280-718950/1-A
Matrix: Water
Analysis Batch: 719819

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 718950

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.50	ug/L		10/22/25 09:14	10/27/25 21:10	1
Cadmium	ND		1.0	0.25	ug/L		10/22/25 09:14	10/27/25 21:10	1
Chromium	ND		3.0	1.0	ug/L		10/22/25 09:14	10/27/25 21:10	1
Lead	ND		1.0	0.50	ug/L		10/22/25 09:14	10/27/25 21:10	1
Zinc	ND		10	5.0	ug/L		10/22/25 09:14	10/27/25 21:10	1

Lab Sample ID: MB 280-718950/1-A
Matrix: Water
Analysis Batch: 719936

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 718950

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		2.0	1.0	ug/L		10/22/25 09:14	10/28/25 10:34	1

Lab Sample ID: LCS 280-718950/25-A
Matrix: Water
Analysis Batch: 719819

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 718950

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	40.0	35.1		ug/L		88	85 - 115
Cadmium	40.0	37.3		ug/L		93	85 - 115
Chromium	40.0	36.4		ug/L		91	85 - 115
Lead	40.0	37.4		ug/L		94	85 - 115
Zinc	40.0	36.5		ug/L		91	85 - 115

Lab Sample ID: LCS 280-718950/25-A
Matrix: Water
Analysis Batch: 719936

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 718950

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	40.0	39.9		ug/L		100	85 - 115

Lab Sample ID: MB 280-718665/1-B
Matrix: Water
Analysis Batch: 719789

Client Sample ID: Method Blank
Prep Type: Potentially Dissolved
Prep Batch: 718667

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.50	ug/L		10/20/25 21:21	10/27/25 15:24	1
Cadmium	ND		1.0	0.25	ug/L		10/20/25 21:21	10/27/25 15:24	1
Chromium	ND		3.0	1.0	ug/L		10/20/25 21:21	10/27/25 15:24	1
Copper	ND		2.0	1.0	ug/L		10/20/25 21:21	10/27/25 15:24	1
Lead	ND		1.0	0.50	ug/L		10/20/25 21:21	10/27/25 15:24	1
Manganese	ND		3.0	1.5	ug/L		10/20/25 21:21	10/27/25 15:24	1
Nickel	ND		3.0	1.0	ug/L		10/20/25 21:21	10/27/25 15:24	1
Selenium	ND		2.0	0.50	ug/L		10/20/25 21:21	10/27/25 15:24	1
Silver	ND		0.50	0.25	ug/L		10/20/25 21:21	10/27/25 15:24	1
Zinc	ND		10	5.0	ug/L		10/20/25 21:21	10/27/25 15:24	1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 280-718665/21-B
Matrix: Water
Analysis Batch: 719789

Client Sample ID: Lab Control Sample
Prep Type: Potentially Dissolved
Prep Batch: 718667

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	40.0	37.2		ug/L		93	85 - 115
Cadmium	40.0	35.7		ug/L		89	85 - 115
Chromium	40.0	37.5		ug/L		94	85 - 115
Copper	40.0	37.9		ug/L		95	85 - 115
Lead	40.0	36.8		ug/L		92	85 - 115
Manganese	40.0	37.1		ug/L		93	85 - 115
Nickel	40.0	37.2		ug/L		93	85 - 115
Selenium	40.0	37.7		ug/L		94	85 - 115
Silver	40.0	38.2		ug/L		95	85 - 115
Zinc	40.0	43.0		ug/L		108	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 280-718779/1-A
Matrix: Water
Analysis Batch: 718949

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 718779

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.060	ug/L		10/21/25 11:14	10/21/25 19:08	1

Lab Sample ID: LCS 280-718779/2-A
Matrix: Water
Analysis Batch: 718949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 718779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	4.83		ug/L		97	85 - 115

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: MB 280-719289/4
Matrix: Water
Analysis Batch: 719289

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	ND		2.0	2.0	umhos/cm			10/23/25 21:43	1

Lab Sample ID: LCS 280-719289/3
Matrix: Water
Analysis Batch: 719289

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Specific Conductance	1410	1420		umhos/cm		101	90 - 110

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 280-718981/1
Matrix: Water
Analysis Batch: 718981

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	1.5	mg/L			10/22/25 10:41	1

Lab Sample ID: LCS 280-718981/2
Matrix: Water
Analysis Batch: 718981

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			503	531		mg/L		105	80 - 114		

Method: SM 3500 CR B - Chromium, Hexavalent

Lab Sample ID: MB 280-718648/16
Matrix: Water
Analysis Batch: 718648

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		20	5.0	ug/L			10/20/25 17:17	1

Lab Sample ID: LCS 280-718648/15
Matrix: Water
Analysis Batch: 718648

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent			100	105		ug/L		105	85 - 115		

Lab Sample ID: 280-215404-1 MS
Matrix: Water
Analysis Batch: 718648

Client Sample ID: OUTFALL-001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent	ND		100	107		ug/L		107	85 - 115		

Lab Sample ID: 280-215404-1 MSD
Matrix: Water
Analysis Batch: 718648

Client Sample ID: OUTFALL-001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		100	105		ug/L		105	85 - 115	1	20

Lab Sample ID: 280-215404-1 DU
Matrix: Water
Analysis Batch: 718648

Client Sample ID: OUTFALL-001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Chromium, hexavalent	ND			ND		ug/L				NC	20

Method: SM 3500 CR B - Chromium, Hexavalent (Continued)

Lab Sample ID: MB 280-718632/2-A
Matrix: Water
Analysis Batch: 718648

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		20	5.0	ug/L			10/20/25 17:14	1

Lab Sample ID: LCS 280-718632/1-A
Matrix: Water
Analysis Batch: 718648

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	100	106		ug/L		106	85 - 115

Lab Sample ID: 280-215404-1 MS
Matrix: Water
Analysis Batch: 718648

Client Sample ID: OUTFALL-001
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	ND		100	106		ug/L		106	85 - 115

Lab Sample ID: 280-215404-1 MSD
Matrix: Water
Analysis Batch: 718648

Client Sample ID: OUTFALL-001
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		100	108		ug/L		108	85 - 115	2	20

Lab Sample ID: 280-215404-1 DU
Matrix: Water
Analysis Batch: 718648

Client Sample ID: OUTFALL-001
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chromium, hexavalent	ND		ND		ug/L		NC	20

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 280-719090/28
Matrix: Water
Analysis Batch: 719090

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
pH adj. to 25 deg C	7.00	7.0		SU		100	99 - 101

Method: SM 4500 S2 D - Sulfide, Total

Lab Sample ID: MB 280-718867/10
Matrix: Water
Analysis Batch: 718867

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		0.050	0.035	mg/L			10/21/25 15:44	1

Method: SM 4500 S2 D - Sulfide, Total (Continued)

Lab Sample ID: LCS 280-718867/9
Matrix: Water
Analysis Batch: 718867

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			0.501	0.532		mg/L		106	81 - 122		

Metals

Filtration Batch: 718665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 280-718665/1-B	Method Blank	Potentially Dissolved	Water	Filtration	
LCS 280-718665/21-B	Lab Control Sample	Potentially Dissolved	Water	Filtration	

Filtration Batch: 718666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Potentially Dissolved	Water	Poten_Diss_Met	

Prep Batch: 718667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Potentially Dissolved	Water	200.8	718666
MB 280-718665/1-B	Method Blank	Potentially Dissolved	Water	200.8	718665
LCS 280-718665/21-B	Lab Control Sample	Potentially Dissolved	Water	200.8	718665

Prep Batch: 718779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Total/NA	Water	245.1	
MB 280-718779/1-A	Method Blank	Total/NA	Water	245.1	
LCS 280-718779/2-A	Lab Control Sample	Total/NA	Water	245.1	

Analysis Batch: 718949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Total/NA	Water	245.1	718779
MB 280-718779/1-A	Method Blank	Total/NA	Water	245.1	718779
LCS 280-718779/2-A	Lab Control Sample	Total/NA	Water	245.1	718779

Prep Batch: 718950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Total Recoverable	Water	200.8	
MB 280-718950/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 280-718950/25-A	Lab Control Sample	Total Recoverable	Water	200.8	
LCS 280-718950/2-A	Lab Control Sample	Total Recoverable	Water	200.8	

Analysis Batch: 719491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 280-718950/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	718950
LCS 280-718950/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	718950

Analysis Batch: 719643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Total Recoverable	Water	200.7 Rev 4.4	718950

Analysis Batch: 719789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Potentially Dissolved	Water	200.8	718667
MB 280-718665/1-B	Method Blank	Potentially Dissolved	Water	200.8	718667
LCS 280-718665/21-B	Lab Control Sample	Potentially Dissolved	Water	200.8	718667

Analysis Batch: 719819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Total Recoverable	Water	200.8	718950
MB 280-718950/1-A	Method Blank	Total Recoverable	Water	200.8	718950

Metals (Continued)

Analysis Batch: 719819 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 280-718950/25-A	Lab Control Sample	Total Recoverable	Water	200.8	718950

Analysis Batch: 719936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 280-718950/1-A	Method Blank	Total Recoverable	Water	200.8	718950
LCS 280-718950/25-A	Lab Control Sample	Total Recoverable	Water	200.8	718950

Analysis Batch: 720038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Total Recoverable	Water	200.8	718950

Prep Batch: 727807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Total/NA	Water	1631E	
MB 400-727807/3-A	Method Blank	Total/NA	Water	1631E	
LCS 400-727807/4-A	Lab Control Sample	Total/NA	Water	1631E	
LCSD 400-727807/5-A	Lab Control Sample Dup	Total/NA	Water	1631E	
280-215404-1 MS	OUTFALL-001	Total/NA	Water	1631E	
280-215404-1 MSD	OUTFALL-001	Total/NA	Water	1631E	

Analysis Batch: 727909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Total/NA	Water	1631E	727807
MB 400-727807/3-A	Method Blank	Total/NA	Water	1631E	727807
LCS 400-727807/4-A	Lab Control Sample	Total/NA	Water	1631E	727807
LCSD 400-727807/5-A	Lab Control Sample Dup	Total/NA	Water	1631E	727807
280-215404-1 MS	OUTFALL-001	Total/NA	Water	1631E	727807
280-215404-1 MSD	OUTFALL-001	Total/NA	Water	1631E	727807

General Chemistry

Filtration Batch: 718632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Dissolved	Water	FILTRATION	
MB 280-718632/2-A	Method Blank	Dissolved	Water	FILTRATION	
LCS 280-718632/1-A	Lab Control Sample	Dissolved	Water	FILTRATION	
280-215404-1 MS	OUTFALL-001	Dissolved	Water	FILTRATION	
280-215404-1 MSD	OUTFALL-001	Dissolved	Water	FILTRATION	
280-215404-1 DU	OUTFALL-001	Dissolved	Water	FILTRATION	

Analysis Batch: 718648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Dissolved	Water	SM 3500 CR B	718632
280-215404-1	OUTFALL-001	Total/NA	Water	SM 3500 CR B	
MB 280-718632/2-A	Method Blank	Dissolved	Water	SM 3500 CR B	718632
MB 280-718648/16	Method Blank	Total/NA	Water	SM 3500 CR B	
LCS 280-718632/1-A	Lab Control Sample	Dissolved	Water	SM 3500 CR B	718632
LCS 280-718648/15	Lab Control Sample	Total/NA	Water	SM 3500 CR B	
280-215404-1 MS	OUTFALL-001	Dissolved	Water	SM 3500 CR B	718632
280-215404-1 MS	OUTFALL-001	Total/NA	Water	SM 3500 CR B	
280-215404-1 MSD	OUTFALL-001	Dissolved	Water	SM 3500 CR B	718632

General Chemistry (Continued)

Analysis Batch: 718648 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1 MSD	OUTFALL-001	Total/NA	Water	SM 3500 CR B	
280-215404-1 DU	OUTFALL-001	Dissolved	Water	SM 3500 CR B	718632
280-215404-1 DU	OUTFALL-001	Total/NA	Water	SM 3500 CR B	

Analysis Batch: 718867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Total/NA	Water	SM 4500 S2 D	
MB 280-718867/10	Method Blank	Total/NA	Water	SM 4500 S2 D	
LCS 280-718867/9	Lab Control Sample	Total/NA	Water	SM 4500 S2 D	

Analysis Batch: 718912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Total/NA	Water	SM4500 S2 H	

Analysis Batch: 718981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Total/NA	Water	SM 2540D	
MB 280-718981/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 280-718981/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 719090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Total/NA	Water	SM 4500 H+ B	
LCS 280-719090/28	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 719289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Total/NA	Water	SM 2510B	
MB 280-719289/4	Method Blank	Total/NA	Water	SM 2510B	
LCS 280-719289/3	Lab Control Sample	Total/NA	Water	SM 2510B	

Analysis Batch: 720113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-215404-1	OUTFALL-001	Potentially Dissolved	Water	SM3500 CR B	
280-215404-1	OUTFALL-001	Total Recoverable	Water	SM3500 CR B	

Lab Chronicle

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-215404-1

Client Sample ID: OUTFALL-001

Date Collected: 10/20/25 13:30
Date Received: 10/20/25 15:25

Lab Sample ID: 280-215404-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1631E			40 mL	40 mL	727807	10/22/25 14:40	VLC	EET PEN
							Completed:	10/23/25 09:25 [1]		
Total/NA	Analysis	1631E		1			727909	10/23/25 11:16	VLC	EET PEN
Total Recoverable	Prep	200.8			50 mL	50 mL	718950	10/22/25 09:14	AR	EET DEN
Total Recoverable	Analysis	200.7 Rev 4.4		1			719643	10/25/25 02:43	CAF	EET DEN
Potentially Dissolved	Filtration	Poten_Diss_Met			150 mL	150 mL	718666	10/20/25 21:11	SMK	EET DEN
Potentially Dissolved	Prep	200.8			50 mL	50 mL	718667	10/20/25 21:21	SMK	EET DEN
Potentially Dissolved	Analysis	200.8		1			719789	10/27/25 15:45	LMT	EET DEN
Total Recoverable	Prep	200.8			50 mL	50 mL	718950	10/22/25 09:14	AR	EET DEN
Total Recoverable	Analysis	200.8		1			719819	10/27/25 22:28	LMT	EET DEN
Total Recoverable	Prep	200.8			50 mL	50 mL	718950	10/22/25 09:14	AR	EET DEN
Total Recoverable	Analysis	200.8		1			720038	10/28/25 22:04	LMT	EET DEN
Total/NA	Prep	245.1			30 mL	50 mL	718779	10/21/25 11:14	AES	EET DEN
Total/NA	Analysis	245.1		1			718949	10/21/25 19:38	TR	EET DEN
Total/NA	Analysis	SM 2510B		1			719289	10/23/25 21:43	EL	EET DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	718981	10/22/25 10:41	YBF	EET DEN
Dissolved	Filtration	FILTRATION			1.0 mL	1.0 mL	718632	10/20/25 16:58	ABW	EET DEN
Dissolved	Analysis	SM 3500 CR B		1	2 mL	2 mL	718648	10/20/25 17:14	ABW	EET DEN
Total/NA	Analysis	SM 3500 CR B		1	2 mL	2 mL	718648	10/20/25 17:17	ABW	EET DEN
Total/NA	Analysis	SM 4500 H+ B		1			719090	10/22/25 05:23	EL	EET DEN
Total/NA	Analysis	SM 4500 S2 D		1	2 mL	2 mL	718867	10/21/25 16:10	BCR	EET DEN
Potentially Dissolved	Analysis	SM3500 CR B		1			720113	10/29/25 10:54	RMS	EET DEN
Total Recoverable	Analysis	SM3500 CR B		1			720113	10/29/25 10:54	RMS	EET DEN
Total/NA	Analysis	SM4500 S2 H		1			718912	10/21/25 22:56	P1B	EET DEN

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-215404-1

Laboratory: Eurofins Denver

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4025	01-08-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature
SM3500 CR B		Water	Chromium, trivalent
SM3500 CR B		Water	Chromium, trivalent (dissolved)
SM4500 S2 H		Water	Field pH
SM4500 S2 H		Water	Field Temperature
SM4500 S2 H		Water	Specific Conductance
SM4500 S2 H		Water	Sulfide
SM4500 S2 H		Water	Un-ionized Hydrogen Sulfide

Laboratory: Eurofins Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-26
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-26
Florida	NELAP	E81010	06-30-26
Georgia	State	E81010(FL)	06-30-26
Illinois	NELAP	200041	10-31-26
Kansas	NELAP	E-10253	10-31-25
Kentucky (UST)	State	53	06-30-26
Louisiana (All)	NELAP	30976	06-30-26
Louisiana (DW)	State	LA017	12-31-25
North Carolina (WW/SW)	State	314	12-31-25
Oklahoma	NELAP	9810	12-31-25
Pennsylvania	NELAP	68-00467	01-31-26
South Carolina	State	96026	06-30-26
Tennessee	State	TN02907	06-30-26
Texas	NELAP	T104704286	09-30-26
US Fish & Wildlife	US Federal Programs	A22340	06-30-26
USDA	US Federal Programs	FLGNV23001A1	01-08-26
USDA	US Federal Programs	525-23-9-22801	01-09-26
Virginia	NELAP	460166	06-14-26
West Virginia DEP	State	136	03-31-26

Eurofins TestAmerica, Denver
4955 Yarrow Street
Arvada, CO 80002
Phone (303) 736-0100 Phone (303) 431-7171

Chain of Custody Record

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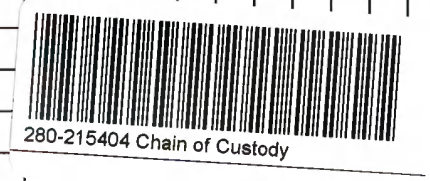
Client Information	Sampler: Karen Lopez	Lab PM: Bieniulis, Dylan T	Carrier Tracking No(s):	COC No:
Client Contact: John Rinko	Phone: 720-649-7722	E-Mail: Dylan.Bieniulis@et.eurofinsus.com	State of Origin:	Page:
Company: Grand Island Resources	PWSID:			Job #:
Address: 12567 West Cedar Drive Suite 110	Due Date Requested:			
City: Lakewood	TAT Requested (days):			
State, Zip: CO, 80228	Compliance Project: Δ Yes Δ No			
Phone: (303) 601-9230	PO #:			
Email: johnrinko@yahoo.com	WO #:			
Project Name: Nederland, CO	Project #: 28022821			
Site: First half of the month event + quarterly LL Hg	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2510B - Specific Conductance, 2540D - TSS, SM4500_H+ - pH / Temp	3500_CR_B - Total Cr6+, 3500_CR_B - Diss. Cr6+ (LAB FILTER), TR Cr 3+ (calc), & PD Cr 3+ (calc)	SM4500_S2_D - Sulfide and SM3600_S2_H - Unionized Hydrogen Sulfide (calc)	1631E - Low Level Mercury (ETA Pensacola)	200.8 - Potentially Dissolved Metals (First half of the month permit list)	200.7 / 200.8 / 245.1 - Total Recoverable Metals and Mercury (First half of the month permit list)								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	Cr	N	D	F									
OUTFALL-001	10/20/25	13:30	G	W	N	N	X	X	X	X	X	X								8	*First half of the month potentially dissolved metals permit list = 200.8 (As, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Zn)
																					*First half of the month total recoverable metals permit list = 200.7 (Fe), 200.8 (As, Cd, Cr, Cu, Pb, Zn), and 245.1 (Hg)
																					Lab - log both 3500 CR B Hexavalent Chromium method chains
																					Temp= pH= Observed visible sheen or floating oil? Yes (No) (circle one) *If oil sheen observed in discharge, sampling for oil & grease required.



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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				10/20/25 15:25	ET ORN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: Karen Lopez	Date/Time: 10/20/2025	Company GIR	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 15:23

Cooler Temperature(s) °C and Other Remarks: 3.6 IR Gun CF -0.2

Ver: 01/16/2019

Eurofins Denver
4955 Yarrow Street
Arvada, CO 80002
Phone: 303-736-0100 Fax: 303-431-7171

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bieniulis, Dylan T	Carrier Tracking No(s): N/A	COC No: 280-769734.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Dylan.Bieniulis@et.eurofinsus.com	State of Origin: Colorado	Page: Page 1 of 1
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): NELAP - Oregon		Job #: 280-215404-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 10/29/2025			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Nederland, CO	Project #: 28022821			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1631E/1631E_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
OUTFALL-001 (280-215404-1)	10/20/25	13 30 Mountain	G	Water			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Natalie Cacciasco	10-21-25 14:48	Ut dun		10/22/25/93a	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks.
		3.3°C / IR11

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Grand Island Resources

Job Number: 280-215404-1

Login Number: 215404

List Source: Eurofins Denver

List Number: 1

Creator: Swegle, Jarod M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Grand Island Resources

Job Number: 280-215404-1

Login Number: 215404
List Number: 2
Creator: Bankston, Victoria K

List Source: Eurofins Pensacola
List Creation: 10/22/25 01:47 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.3°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Brooke Molson Moran
Grand Island Resources
12567 West Cedar Road
Suite 110
Lakewood, Colorado 80228

Generated 11/12/2025 3:07:47 AM

JOB DESCRIPTION

Nederland, CO

JOB NUMBER

280-216239-1

Eurofins Denver
4955 Yarrow Street
Arvada CO 80002

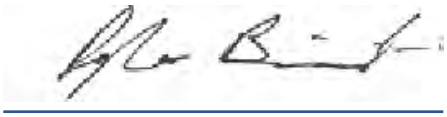
See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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Authorized for release by
Dylan Bieniulis, Project Manager I
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Definitions/Glossary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-216239-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
280-216239-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report may include reporting limits (RLs) lower than Eurofins Environmental Testing standard reporting limits. The reported sample results and associated reporting limits are being used specifically to meet the needs of this project. Note that data are not normally reported to these levels without qualification because they are inherently less reliable and potentially less defensible than required by the latest industry standards.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

If potentially dissolved silver by method 200.8 is requested for samples on the chain of custody, this report contains a client specific, custom reporting limit.

Receipt
The sample was received on 10/31/2025 2:44 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

Method 200.8 - Metals (ICP/MS) - Potentially Dissolved
Sample OUTFALL-007 (280-216239-1) was analyzed for Metals (ICP/MS) - Potentially Dissolved. The sample was prepared on 11/4/2025 and analyzed on 11/7/2025.

Method 200.8 - Metals (ICP/MS) - Total Recoverable
Sample OUTFALL-007 (280-216239-1) was analyzed for Metals (ICP/MS) - Total Recoverable. The sample was prepared on 11/4/2025 and analyzed on 11/11/2025.

Detection Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-216239-1

Client Sample ID: OUTFALL-007

Lab Sample ID: 280-216239-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.1		1.0	0.50	ug/L	1		200.8	Total Recoverable
Cadmium	0.48	J	1.0	0.25	ug/L	1		200.8	Potentially Dissolved
Copper	1.1	J	2.0	1.0	ug/L	1		200.8	Potentially Dissolved
Lead	1.2		1.0	0.50	ug/L	1		200.8	Potentially Dissolved
Zinc	130		10	5.0	ug/L	1		200.8	Potentially Dissolved

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-216239-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	EET DEN
200.8	Preparation, Total Recoverable Metals	EPA	EET DEN
Poten_Diss_Met	Filtration for Potentially Dissolved Metals	EPA	EET DEN

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-216239-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
280-216239-1	OUTFALL-007	Water	10/31/25 12:15	10/31/25 14:44	Colorado

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-216239-1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Client Sample ID: OUTFALL-007
Date Collected: 10/31/25 12:15
Date Received: 10/31/25 14:44

Lab Sample ID: 280-216239-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		2.0	1.0	ug/L		11/04/25 16:38	11/11/25 16:33	1
Lead	**1.1**		1.0	0.50	ug/L		11/04/25 16:38	11/11/25 16:33	1

Method: EPA 200.8 - Metals (ICP/MS) - Potentially Dissolved

Client Sample ID: OUTFALL-007
Date Collected: 10/31/25 12:15
Date Received: 10/31/25 14:44

Lab Sample ID: 280-216239-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**0.48**	**J**	1.0	0.25	ug/L		11/04/25 19:23	11/07/25 22:43	1
Copper	**1.1**	**J**	2.0	1.0	ug/L		11/04/25 19:23	11/07/25 22:43	1
Lead	**1.2**		1.0	0.50	ug/L		11/04/25 19:23	11/07/25 22:43	1
Silver	ND		0.50	0.25	ug/L		11/04/25 19:23	11/07/25 22:43	1
Zinc	**130**		10	5.0	ug/L		11/04/25 19:23	11/07/25 22:43	1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 280-721157/1-A
Matrix: Water
Analysis Batch: 722277

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 721157

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		2.0	1.0	ug/L		11/04/25 16:38	11/11/25 15:24	1
Lead	ND		1.0	0.50	ug/L		11/04/25 16:38	11/11/25 15:24	1

Lab Sample ID: LCS 280-721157/2-A
Matrix: Water
Analysis Batch: 722277

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 721157

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	100	102		ug/L		102	85 - 115
Lead	100	101		ug/L		101	85 - 115

Lab Sample ID: MB 280-721179/1-B
Matrix: Water
Analysis Batch: 721870

Client Sample ID: Method Blank
Prep Type: Potentially Dissolved
Prep Batch: 721183

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		1.0	0.25	ug/L		11/04/25 19:23	11/07/25 22:03	1
Copper	ND		2.0	1.0	ug/L		11/04/25 19:23	11/07/25 22:03	1
Lead	ND		1.0	0.50	ug/L		11/04/25 19:23	11/07/25 22:03	1
Silver	ND		0.50	0.25	ug/L		11/04/25 19:23	11/07/25 22:03	1
Zinc	ND		10	5.0	ug/L		11/04/25 19:23	11/07/25 22:03	1

Lab Sample ID: LCS 280-721179/8-B
Matrix: Water
Analysis Batch: 721870

Client Sample ID: Lab Control Sample
Prep Type: Potentially Dissolved
Prep Batch: 721183

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	100	103		ug/L		103	85 - 115
Copper	100	103		ug/L		103	85 - 115
Lead	100	104		ug/L		104	85 - 115
Silver	100	105		ug/L		105	85 - 115
Zinc	100	105		ug/L		105	85 - 115

QC Association Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-216239-1

Metals

Filtration Batch: 720967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-216239-1	OUTFALL-007	Potentially Dissolved	Water	Poten_Diss_Met	

Prep Batch: 721157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-216239-1	OUTFALL-007	Total Recoverable	Water	200.8	
MB 280-721157/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 280-721157/2-A	Lab Control Sample	Total Recoverable	Water	200.8	

Filtration Batch: 721179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 280-721179/1-B	Method Blank	Potentially Dissolved	Water	Filtration	
LCS 280-721179/8-B	Lab Control Sample	Potentially Dissolved	Water	Filtration	

Prep Batch: 721183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-216239-1	OUTFALL-007	Potentially Dissolved	Water	200.8	720967
MB 280-721179/1-B	Method Blank	Potentially Dissolved	Water	200.8	721179
LCS 280-721179/8-B	Lab Control Sample	Potentially Dissolved	Water	200.8	721179

Analysis Batch: 721870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-216239-1	OUTFALL-007	Potentially Dissolved	Water	200.8	721183
MB 280-721179/1-B	Method Blank	Potentially Dissolved	Water	200.8	721183
LCS 280-721179/8-B	Lab Control Sample	Potentially Dissolved	Water	200.8	721183

Analysis Batch: 722277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-216239-1	OUTFALL-007	Total Recoverable	Water	200.8	721157
MB 280-721157/1-A	Method Blank	Total Recoverable	Water	200.8	721157
LCS 280-721157/2-A	Lab Control Sample	Total Recoverable	Water	200.8	721157

Lab Chronicle

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-216239-1

Client Sample ID: OUTFALL-007

Date Collected: 10/31/25 12:15
Date Received: 10/31/25 14:44

Lab Sample ID: 280-216239-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Potentially Dissolved	Filtration	Poten_Diss_Met			150 mL	150 mL	720967	11/03/25 23:19	SMK	EET DEN
Potentially Dissolved	Prep	200.8			50 mL	50 mL	721183	11/04/25 19:23	SMK	EET DEN
Potentially Dissolved	Analysis	200.8		1			721870	11/07/25 22:43	LMT	EET DEN
Total Recoverable	Prep	200.8			50 mL	50 mL	721157	11/04/25 16:38	AMH	EET DEN
Total Recoverable	Analysis	200.8		1			722277	11/11/25 16:33	LMT	EET DEN

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Accreditation/Certification Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-216239-1

Laboratory: Eurofins Denver

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4025	01-08-26

Eurofins TestAmerica, Denver
4955 Yarrow Street
Arvada, CO 80002
Phone (303) 736-0100 Phone (303) 431-7171

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Karen Lopez	Lab PM: Bieniulis, Dylan T	Carrier Tracking No(s):	COC No:
Client Contact: John Rinko	Phone: 7206497722	E-Mail: Dylan.Bieniulis@et.eurofinsus.com	State of Origin:	Page
Company: Grand Island Resources	PWSID:	Analysis Requested		Job #:
Address: 12567 West Cedar Drive Suite 110	Due Date Requested			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D Nitric Acid, E - NaHSO4, F MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K EDTA, L EDA, M Hexane, N - None, O AsNaO2, P Na2O4S, Q Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W pH 4-5, Z - other (specify); Other
City: Lakewood	TAT Requested (days)			
State Zip: CO, 80228	Compliance Project: Δ Yes Δ No			
Phone: (303) 601-9230	PO #:			
Email: johnrinko@yahoo.com	WO #:			
Project Name: Nederland, CO	Project #: 28022821			
Site: second half of the month event	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.8 - Potentially Dissolved Metals (Second half of the month permit list)	200.8 - Total Recoverable Metals (Second half of the month permit list)	Total Number of containers	Special Instructions/Note.
			Preservation Code:		X	X	D	D		
OUTFALL-007	10/31/2025	12:15	G	W	N	N	X	X	2	*Second half of the month potentially dissolved metals permit list = 200.8 (Cd, Cu, Pb, Ag, Zn)
										*Second half of the month total recoverable metals permit list = 200 8 (Cu, Pb)
										Temp= 5°C
										PH= 7.9
										Observed visible sheen or floating oil?
										Yes / (No) (circle one)
										* if oil sheen observed in discharge, sampling for Oil & Grease required

280-216239 Chain of Custody

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

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

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

Special Instructions/QC Requirements.

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company
Karen Lopez	10/31/2025	GIR		10/31/25 1444	EETDEN

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.7 CF-0.2 IR Gun

Ver: 01/16/2019

11/12/2025

Login Sample Receipt Checklist

Client: Grand Island Resources

Job Number: 280-216239-1

Login Number: 216239

List Source: Eurofins Denver

List Number: 1

Creator: Roehsner, Karen P

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Brooke Molson Moran
Grand Island Resources
12567 West Cedar Road
Suite 110
Lakewood, Colorado 80228

Generated 11/26/2025 12:18:33 PM

JOB DESCRIPTION

Nederland, CO

JOB NUMBER

280-217105-1

Eurofins Denver
4955 Yarrow Street
Arvada CO 80002

See page two for job notes and contact information.

myEOL

Job Notes

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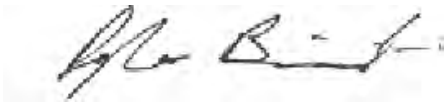

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Authorized for release by
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(303)736-0138

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Receipt Checklists 23

Definitions/Glossary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-217105-1

Qualifiers

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

Glossary

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

Job Narrative
280-217105-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report may include reporting limits (RLs) lower than Eurofins Environmental Testing standard reporting limits. The reported sample results and associated reporting limits are being used specifically to meet the needs of this project. Note that data are not normally reported to these levels without qualification because they are inherently less reliable and potentially less defensible than required by the latest industry standards.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

If potentially dissolved silver by method 200.8 is requested for samples on the chain of custody, this report contains a client specific, custom reporting limit.

Receipt
The sample was received on 11/14/2025 4:15 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 8.8°C.

Receipt Exceptions
The following sample was received at the laboratory outside the required temperature criteria: OUTFALL-001 (280-217105-1). The sample(s) is considered acceptable since it was collected and submitted to the laboratory on the same day and there is evidence that the chilling process has begun.

Method 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable
Sample OUTFALL-001 (280-217105-1) was analyzed for Metals (ICP) - Total Recoverable. The sample was prepared on 11/20/2025 and analyzed on 11/26/2025.

Method 200.8 - Metals (ICP/MS) - Potentially Dissolved
Sample OUTFALL-001 (280-217105-1) was analyzed for Metals (ICP/MS) - Potentially Dissolved. The sample was prepared on 11/17/2025 and analyzed on 11/21/2025.

The instrument blank for analytical batch 280-724149 contained Mn greater than one-half the reporting limit (RL), and were not re-analyzed because the QC was within limits and the sample was >10x the blank or ND. The data have been qualified and reported.

Method 200.8 - Metals (ICP/MS) - Total Recoverable
Sample OUTFALL-001 (280-217105-1) was analyzed for Metals (ICP/MS) - Total Recoverable. The sample was prepared on 11/20/2025 and analyzed on 11/21/2025.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 280-723765 and analytical batch 280-724150 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 245.1 - Mercury (CVAA)
Sample OUTFALL-001 (280-217105-1) was analyzed for Mercury (CVAA). The sample was prepared on 11/18/2025 and analyzed on 11/19/2025.

Method SM 2510B - Conductivity, Specific Conductance

Job ID: 280-217105-1 (Continued) Eurofins Denver

Sample OUTFALL-001 (280-217105-1) was analyzed for Conductivity, Specific Conductance. The sample was analyzed on 11/18/2025.

Method SM 2540D - Solids, Total Suspended (TSS)
Sample OUTFALL-001 (280-217105-1) was analyzed for Solids, Total Suspended (TSS). The sample was analyzed on 11/21/2025.

Method SM 3500 CR B - Chromium, Hexavalent
Sample OUTFALL-001 (280-217105-1) was analyzed for Chromium, Hexavalent. The sample was analyzed on 11/14/2025.

Method SM 3500 CR B - Chromium, Hexavalent - Dissolved
Sample OUTFALL-001 (280-217105-1) was analyzed for Chromium, Hexavalent - Dissolved. The sample was analyzed on 11/14/2025.

Method SM3500 CR B - Chromium, Trivalent - Potentially Dissolved
Sample OUTFALL-001 (280-217105-1) was analyzed for Chromium, Trivalent - Potentially Dissolved. The sample was analyzed on 11/26/2025.

Method SM3500 CR B - Chromium, Trivalent - Total Recoverable
Sample OUTFALL-001 (280-217105-1) was analyzed for Chromium, Trivalent - Total Recoverable. The sample was analyzed on 11/26/2025.

Method SM 4500 H+ B - pH
Sample OUTFALL-001 (280-217105-1) was analyzed for pH. The sample was analyzed on 11/19/2025.

Sample did not equilibrate to within 0.05 pH units after three measurements but its duplicate did therefore the sample was not rerun. All measurements have been entered into the worksheet. OUTFALL-001 (280-217105-1) and (280-217105-E-1 DU)

Method SM 4500 S2 D - Sulfide, Total
Sample OUTFALL-001 (280-217105-1) was analyzed for Sulfide, Total. The sample was analyzed on 11/17/2025.

Method SM4500 S2 H - Unionized Hydrogen Sulfide
Sample OUTFALL-001 (280-217105-1) was analyzed for Unionized Hydrogen Sulfide. The sample was analyzed on 11/18/2025.

Detection Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-217105-1

Client Sample ID: OUTFALL-001 — Lab Sample ID: 280-217105-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.35	J	1.0	0.25	ug/L	1		200.8	Total Recoverable
Lead	1.3		1.0	0.50	ug/L	1		200.8	Total Recoverable
Zinc	84	F2 F1	10	5.0	ug/L	1		200.8	Total Recoverable
Cadmium	0.35	J	1.0	0.25	ug/L	1		200.8	Potentially Dissolved
Lead	1.1		1.0	0.50	ug/L	1		200.8	Potentially Dissolved
Manganese	2.1	J	3.0	1.5	ug/L	1		200.8	Potentially Dissolved
Zinc	98		10	5.0	ug/L	1		200.8	Potentially Dissolved
Specific Conductance	240		2.0	2.0	umhos/cm	1		SM 2510B	Total/NA
pH adj. to 25 deg C	7.8	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	19.8	HF	1.0	1.0	Degrees C	1		SM 4500 H+ B	Total/NA
Field pH	7.8		1.0	1.0	SU	1		SM4500 S2 H	Total/NA
Field Temperature	20		1.0	1.0	Celsius	1		SM4500 S2 H	Total/NA
Specific Conductance	240		2.0	2.0	umhos/cm	1		SM4500 S2 H	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-217105-1

Method	Method Description	Protocol	Laboratory
200.7 Rev 4.4	Metals (ICP)	EPA	EET DEN
200.8	Metals (ICP/MS)	EPA	EET DEN
245.1	Mercury (CVAA)	EPA	EET DEN
SM 2510B	Conductivity, Specific Conductance	SM	EET DEN
SM 2540D	Solids, Total Suspended (TSS)	SM	EET DEN
SM 3500 CR B	Chromium, Hexavalent	SM	EET DEN
SM 4500 H+ B	pH	SM	EET DEN
SM 4500 S2 D	Sulfide, Total	SM	EET DEN
SM3500 CR B	Chromium, Trivalent	SM	EET DEN
SM4500 S2 H	Unionized Hydrogen Sulfide	SM	EET DEN
200.7	Preparation, Total Recoverable Metals	EPA	EET DEN
200.8	Preparation, Total Recoverable Metals	EPA	EET DEN
245.1	Preparation, Mercury	EPA	EET DEN
FILTRATION	Sample Filtration	None	EET DEN
Poten_Diss_Met	Filtration for Potentially Dissolved Metals	EPA	EET DEN

Protocol References:

EPA = US Environmental Protection Agency

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-217105-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
280-217105-1	OUTFALL-001	Water	11/14/25 01:45	11/14/25 16:15	Colorado

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Client Sample ID: OUTFALL-001
Date Collected: 11/14/25 01:45
Date Received: 11/14/25 16:15

Lab Sample ID: 280-217105-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		100	40	ug/L		11/20/25 10:07	11/26/25 00:28	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Client Sample ID: OUTFALL-001
Date Collected: 11/14/25 01:45
Date Received: 11/14/25 16:15

Lab Sample ID: 280-217105-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.50	ug/L		11/20/25 10:08	11/21/25 21:07	1
Cadmium	**0.35**	**J**	1.0	0.25	ug/L		11/20/25 10:08	11/21/25 21:07	1
Chromium	ND		3.0	1.0	ug/L		11/20/25 10:08	11/21/25 21:07	1
Copper	ND		2.0	1.0	ug/L		11/20/25 10:08	11/21/25 21:07	1
Lead	**1.3**		1.0	0.50	ug/L		11/20/25 10:08	11/21/25 21:07	1
Zinc	**84**	**F2 F1**	10	5.0	ug/L		11/20/25 10:08	11/21/25 21:07	1

Method: EPA 200.8 - Metals (ICP/MS) - Potentially Dissolved

Client Sample ID: OUTFALL-001
Date Collected: 11/14/25 01:45
Date Received: 11/14/25 16:15

Lab Sample ID: 280-217105-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.50	ug/L		11/17/25 17:56	11/21/25 18:35	1
Cadmium	**0.35**	**J**	1.0	0.25	ug/L		11/17/25 17:56	11/21/25 18:35	1
Chromium	ND		3.0	1.0	ug/L		11/17/25 17:56	11/21/25 18:35	1
Copper	ND		2.0	1.0	ug/L		11/17/25 17:56	11/21/25 18:35	1
Lead	**1.1**		1.0	0.50	ug/L		11/17/25 17:56	11/21/25 18:35	1
Manganese	**2.1**	**J**	3.0	1.5	ug/L		11/17/25 17:56	11/21/25 18:35	1
Nickel	ND		3.0	1.0	ug/L		11/17/25 17:56	11/21/25 18:35	1
Selenium	ND		2.0	0.50	ug/L		11/17/25 17:56	11/21/25 18:35	1
Silver	ND		0.50	0.25	ug/L		11/17/25 17:56	11/21/25 18:35	1
Zinc	**98**		10	5.0	ug/L		11/17/25 17:56	11/21/25 18:35	1

Method: EPA 245.1 - Mercury (CVAA)

Client Sample ID: OUTFALL-001
Date Collected: 11/14/25 01:45
Date Received: 11/14/25 16:15

Lab Sample ID: 280-217105-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.060	ug/L		11/18/25 11:07	11/19/25 14:20	1

General Chemistry

Client Sample ID: OUTFALL-001
Date Collected: 11/14/25 01:45
Date Received: 11/14/25 16:15

Lab Sample ID: 280-217105-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance (SM 2510B)	**240**		2.0	2.0	umhos/cm			11/18/25 12:37	1
Total Suspended Solids (SM 2540D)	ND		4.0	1.5	mg/L			11/21/25 09:10	1
Chromium, hexavalent (SM 3500 CR B)	ND		20	5.0	ug/L			11/14/25 21:36	1
pH adj. to 25 deg C (SM 4500 H+ B)	**7.8**	**HF**	0.1	0.1	SU			11/19/25 21:36	1
Temperature (SM 4500 H+ B)	**19.8**	**HF**	1.0	1.0	Degrees C			11/19/25 21:36	1

General Chemistry (Continued)

Client Sample ID: OUTFALL-001
Date Collected: 11/14/25 01:45
Date Received: 11/14/25 16:15

Lab Sample ID: 280-217105-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SM 4500 S2 D)	ND		0.050	0.035	mg/L			11/17/25 16:32	1
Un-ionized Hydrogen Sulfide (SM4500 S2 H)	ND		1.0	1.0	mg/L			11/18/25 00:25	1
Field pH (SM4500 S2 H)	**7.8**		1.0	1.0	SU			11/18/25 00:25	1
Field Temperature (SM4500 S2 H)	**20**		1.0	1.0	Celsius			11/18/25 00:25	1
Specific Conductance (SM4500 S2 H)	**240**		2.0	2.0	umhos/cm			11/18/25 00:25	1
Sulfide (SM4500 S2 H)	ND		1.0	1.0	mg/L			11/18/25 00:25	1

General Chemistry - Total Recoverable

Client Sample ID: OUTFALL-001
Date Collected: 11/14/25 01:45
Date Received: 11/14/25 16:15

Lab Sample ID: 280-217105-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, trivalent (SM3500 CR B)	ND		3.0	3.0	ug/L			11/26/25 11:05	1

General Chemistry - Dissolved

Client Sample ID: OUTFALL-001
Date Collected: 11/14/25 01:45
Date Received: 11/14/25 16:15

Lab Sample ID: 280-217105-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SM 3500 CR B)	ND		20	5.0	ug/L			11/14/25 21:34	1

General Chemistry - Potentially Dissolved

Client Sample ID: OUTFALL-001
Date Collected: 11/14/25 01:45
Date Received: 11/14/25 16:15

Lab Sample ID: 280-217105-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, trivalent (dissolved) (SM3500 CR B)	ND		3.0	3.0	ug/L			11/26/25 11:05	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 280-723765/1-A
Matrix: Water
Analysis Batch: 724726

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 723765

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		100	40	ug/L		11/20/25 10:07	11/26/25 00:20	1

Lab Sample ID: LCS 280-723765/2-A
Matrix: Water
Analysis Batch: 724726

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 723765

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	10000	10400		ug/L		104	85 - 115

Lab Sample ID: 280-217105-1 MS
Matrix: Water
Analysis Batch: 724726

Client Sample ID: OUTFALL-001
Prep Type: Total Recoverable
Prep Batch: 723765

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	ND		10000	10300		ug/L		103	75 - 125

Lab Sample ID: 280-217105-1 MSD
Matrix: Water
Analysis Batch: 724726

Client Sample ID: OUTFALL-001
Prep Type: Total Recoverable
Prep Batch: 723765

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	ND		10000	10300		ug/L		103	75 - 125	1	20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 280-723765/1-A
Matrix: Water
Analysis Batch: 724150

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 723765

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.50	ug/L		11/20/25 10:07	11/21/25 20:17	1
Cadmium	ND		1.0	0.25	ug/L		11/20/25 10:07	11/21/25 20:17	1
Chromium	ND		3.0	1.0	ug/L		11/20/25 10:07	11/21/25 20:17	1
Copper	ND		2.0	1.0	ug/L		11/20/25 10:07	11/21/25 20:17	1
Lead	ND		1.0	0.50	ug/L		11/20/25 10:07	11/21/25 20:17	1
Zinc	ND		10	5.0	ug/L		11/20/25 10:07	11/21/25 20:17	1

Lab Sample ID: LCS 280-723765/25-A
Matrix: Water
Analysis Batch: 724150

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 723765

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	109		ug/L		109	85 - 115
Cadmium	100	104		ug/L		104	85 - 115
Chromium	100	104		ug/L		104	85 - 115
Copper	100	105		ug/L		105	85 - 115
Lead	100	103		ug/L		103	85 - 115
Zinc	100	98.6		ug/L		99	85 - 115

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 280-217105-1 MS
Matrix: Water
Analysis Batch: 724150

Client Sample ID: OUTFALL-001
Prep Type: Total Recoverable
Prep Batch: 723765

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	ND		100	104		ug/L		104	75 - 125
Cadmium	0.35	J	100	103		ug/L		102	75 - 125
Chromium	ND		100	98.6		ug/L		99	75 - 125
Copper	ND		100	99.1		ug/L		99	75 - 125
Lead	1.3		100	103		ug/L		101	75 - 125
Zinc	84	F2 F1	100	234	F1	ug/L		151	75 - 125

Lab Sample ID: 280-217105-1 MSD
Matrix: Water
Analysis Batch: 724150

Client Sample ID: OUTFALL-001
Prep Type: Total Recoverable
Prep Batch: 723765

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		100	100		ug/L		100	75 - 125	3	20
Cadmium	0.35	J	100	95.1		ug/L		95	75 - 125	8	20
Chromium	ND		100	96.1		ug/L		96	75 - 125	2	20
Copper	ND		100	95.9		ug/L		96	75 - 125	3	20
Lead	1.3		100	97.8		ug/L		96	75 - 125	5	20
Zinc	84	F2 F1	100	174	F2	ug/L		91	75 - 125	29	20

Lab Sample ID: MB 280-723218/1-B
Matrix: Water
Analysis Batch: 724149

Client Sample ID: Method Blank
Prep Type: Potentially Dissolved
Prep Batch: 723219

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.50	ug/L		11/17/25 17:56	11/21/25 18:04	1
Cadmium	ND		1.0	0.25	ug/L		11/17/25 17:56	11/21/25 18:04	1
Chromium	ND		3.0	1.0	ug/L		11/17/25 17:56	11/21/25 18:04	1
Copper	ND		2.0	1.0	ug/L		11/17/25 17:56	11/21/25 18:04	1
Lead	ND		1.0	0.50	ug/L		11/17/25 17:56	11/21/25 18:04	1
Manganese	ND		3.0	1.5	ug/L		11/17/25 17:56	11/21/25 18:04	1
Nickel	ND		3.0	1.0	ug/L		11/17/25 17:56	11/21/25 18:04	1
Selenium	ND		2.0	0.50	ug/L		11/17/25 17:56	11/21/25 18:04	1
Silver	ND		0.50	0.25	ug/L		11/17/25 17:56	11/21/25 18:04	1
Zinc	ND		10	5.0	ug/L		11/17/25 17:56	11/21/25 18:04	1

Lab Sample ID: LCS 280-723218/23-C
Matrix: Water
Analysis Batch: 724149

Client Sample ID: Lab Control Sample
Prep Type: Potentially Dissolved
Prep Batch: 723219

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	108		ug/L		108	85 - 115
Cadmium	100	105		ug/L		105	85 - 115
Chromium	100	104		ug/L		104	85 - 115
Copper	100	104		ug/L		104	85 - 115
Lead	100	103		ug/L		103	85 - 115
Manganese	100	104		ug/L		104	85 - 115
Nickel	100	104		ug/L		104	85 - 115
Selenium	100	103		ug/L		103	85 - 115
Silver	100	97.9		ug/L		98	85 - 115

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 280-723218/23-C
Matrix: Water
Analysis Batch: 724149

Client Sample ID: Lab Control Sample
Prep Type: Potentially Dissolved
Prep Batch: 723219

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	100	100		ug/L		100	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 280-723332/1-A
Matrix: Water
Analysis Batch: 723633

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 723332

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.060	ug/L		11/18/25 11:07	11/19/25 14:12	1

Lab Sample ID: LCS 280-723332/2-A
Matrix: Water
Analysis Batch: 723633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 723332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	4.99		ug/L		100	85 - 115

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: MB 280-723360/31
Matrix: Water
Analysis Batch: 723360

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	ND		2.0	2.0	umhos/cm			11/18/25 12:37	1

Lab Sample ID: MB 280-723360/46
Matrix: Water
Analysis Batch: 723360

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	ND		2.0	2.0	umhos/cm			11/18/25 12:37	1

Lab Sample ID: LCS 280-723360/30
Matrix: Water
Analysis Batch: 723360

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Specific Conductance	1410	1410		umhos/cm		100	90 - 110

Lab Sample ID: LCS 280-723360/45
Matrix: Water
Analysis Batch: 723360

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Specific Conductance	1410	1410		umhos/cm		100	90 - 110

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 280-723977/1
Matrix: Water
Analysis Batch: 723977

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	1.5	mg/L			11/21/25 09:10	1

Lab Sample ID: LCS 280-723977/2
Matrix: Water
Analysis Batch: 723977

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			501	509		mg/L		102	80 - 114		

Method: SM 3500 CR B - Chromium, Hexavalent

Lab Sample ID: 280-217105-1 MS
Matrix: Water
Analysis Batch: 722967

Client Sample ID: OUTFALL-001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent	ND		100	103		ug/L		103	85 - 115		

Lab Sample ID: 280-217105-1 MSD
Matrix: Water
Analysis Batch: 722967

Client Sample ID: OUTFALL-001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		100	103		ug/L		103	85 - 115	0	20

Lab Sample ID: 280-217105-1 DU
Matrix: Water
Analysis Batch: 722967

Client Sample ID: OUTFALL-001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Chromium, hexavalent	ND			ND		ug/L				NC	20

Lab Sample ID: MB 280-722960/2-A
Matrix: Water
Analysis Batch: 722967

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		20	5.0	ug/L			11/14/25 21:34	1

Lab Sample ID: LCS 280-722960/1-A
Matrix: Water
Analysis Batch: 722967

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent			100	102		ug/L		102	85 - 115		

Method: SM 3500 CR B - Chromium, Hexavalent (Continued)

Lab Sample ID: 280-217105-1 MS
Matrix: Water
Analysis Batch: 722967

Client Sample ID: OUTFALL-001
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent	ND		100	104		ug/L		104	85 - 115		

Lab Sample ID: 280-217105-1 MSD
Matrix: Water
Analysis Batch: 722967

Client Sample ID: OUTFALL-001
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		100	104		ug/L		104	85 - 115	0	20

Lab Sample ID: 280-217105-1 DU
Matrix: Water
Analysis Batch: 722967

Client Sample ID: OUTFALL-001
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chromium, hexavalent	ND		ND		ug/L		NC	20

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 280-723834/4
Matrix: Water
Analysis Batch: 723834

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
pH adj. to 25 deg C	7.03	7.0		SU		100	99 - 101		

Lab Sample ID: 280-217105-1 DU
Matrix: Water
Analysis Batch: 723834

Client Sample ID: OUTFALL-001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH adj. to 25 deg C	7.8	HF	7.9		SU		0.8	5
Temperature	19.8	HF	19.2		Degrees C		3	10

Method: SM 4500 S2 D - Sulfide, Total

Lab Sample ID: MB 280-723214/10
Matrix: Water
Analysis Batch: 723214

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		0.050	0.035	mg/L			11/17/25 15:01	1

Lab Sample ID: LCS 280-723214/9
Matrix: Water
Analysis Batch: 723214

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide	0.501	0.455		mg/L		91	81 - 122		

Metals

Filtration Batch: 723192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217105-1	OUTFALL-001	Potentially Dissolved	Water	Poten_Diss_Met	

Filtration Batch: 723218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 280-723218/1-B	Method Blank	Potentially Dissolved	Water	Filtration	
LCS 280-723218/23-C	Lab Control Sample	Potentially Dissolved	Water	Filtration	

Prep Batch: 723219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217105-1	OUTFALL-001	Potentially Dissolved	Water	200.8	723192
MB 280-723218/1-B	Method Blank	Potentially Dissolved	Water	200.8	723218
LCS 280-723218/23-C	Lab Control Sample	Potentially Dissolved	Water	200.8	723218

Prep Batch: 723332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217105-1	OUTFALL-001	Total/NA	Water	245.1	
MB 280-723332/1-A	Method Blank	Total/NA	Water	245.1	
LCS 280-723332/2-A	Lab Control Sample	Total/NA	Water	245.1	

Analysis Batch: 723633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217105-1	OUTFALL-001	Total/NA	Water	245.1	723332
MB 280-723332/1-A	Method Blank	Total/NA	Water	245.1	723332
LCS 280-723332/2-A	Lab Control Sample	Total/NA	Water	245.1	723332

Prep Batch: 723765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217105-1	OUTFALL-001	Total Recoverable	Water	200.8	
280-217105-1	OUTFALL-001	Total Recoverable	Water	200.8	
MB 280-723765/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 280-723765/25-A	Lab Control Sample	Total Recoverable	Water	200.8	
LCS 280-723765/2-A	Lab Control Sample	Total Recoverable	Water	200.8	
280-217105-1 MS	OUTFALL-001	Total Recoverable	Water	200.8	
280-217105-1 MS	OUTFALL-001	Total Recoverable	Water	200.8	
280-217105-1 MSD	OUTFALL-001	Total Recoverable	Water	200.8	
280-217105-1 MSD	OUTFALL-001	Total Recoverable	Water	200.8	

Analysis Batch: 724149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217105-1	OUTFALL-001	Potentially Dissolved	Water	200.8	723219
MB 280-723218/1-B	Method Blank	Potentially Dissolved	Water	200.8	723219
LCS 280-723218/23-C	Lab Control Sample	Potentially Dissolved	Water	200.8	723219

Analysis Batch: 724150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217105-1	OUTFALL-001	Total Recoverable	Water	200.8	723765
MB 280-723765/1-A	Method Blank	Total Recoverable	Water	200.8	723765
LCS 280-723765/25-A	Lab Control Sample	Total Recoverable	Water	200.8	723765
280-217105-1 MS	OUTFALL-001	Total Recoverable	Water	200.8	723765
280-217105-1 MSD	OUTFALL-001	Total Recoverable	Water	200.8	723765

Metals

Analysis Batch: 724726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217105-1	OUTFALL-001	Total Recoverable	Water	200.7 Rev 4.4	723765
MB 280-723765/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	723765
LCS 280-723765/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	723765
280-217105-1 MS	OUTFALL-001	Total Recoverable	Water	200.7 Rev 4.4	723765
280-217105-1 MSD	OUTFALL-001	Total Recoverable	Water	200.7 Rev 4.4	723765

General Chemistry

Filtration Batch: 722960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217105-1	OUTFALL-001	Dissolved	Water	FILTRATION	
MB 280-722960/2-A	Method Blank	Dissolved	Water	FILTRATION	
LCS 280-722960/1-A	Lab Control Sample	Dissolved	Water	FILTRATION	
280-217105-1 MS	OUTFALL-001	Dissolved	Water	FILTRATION	
280-217105-1 MSD	OUTFALL-001	Dissolved	Water	FILTRATION	
280-217105-1 DU	OUTFALL-001	Dissolved	Water	FILTRATION	

Analysis Batch: 722967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217105-1	OUTFALL-001	Dissolved	Water	SM 3500 CR B	722960
280-217105-1	OUTFALL-001	Total/NA	Water	SM 3500 CR B	
MB 280-722960/2-A	Method Blank	Dissolved	Water	SM 3500 CR B	722960
LCS 280-722960/1-A	Lab Control Sample	Dissolved	Water	SM 3500 CR B	722960
280-217105-1 MS	OUTFALL-001	Dissolved	Water	SM 3500 CR B	722960
280-217105-1 MS	OUTFALL-001	Total/NA	Water	SM 3500 CR B	
280-217105-1 MSD	OUTFALL-001	Dissolved	Water	SM 3500 CR B	722960
280-217105-1 MSD	OUTFALL-001	Total/NA	Water	SM 3500 CR B	
280-217105-1 DU	OUTFALL-001	Dissolved	Water	SM 3500 CR B	722960
280-217105-1 DU	OUTFALL-001	Total/NA	Water	SM 3500 CR B	

Analysis Batch: 723214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217105-1	OUTFALL-001	Total/NA	Water	SM 4500 S2 D	
MB 280-723214/10	Method Blank	Total/NA	Water	SM 4500 S2 D	
LCS 280-723214/9	Lab Control Sample	Total/NA	Water	SM 4500 S2 D	

Analysis Batch: 723251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217105-1	OUTFALL-001	Total/NA	Water	SM4500 S2 H	

Analysis Batch: 723360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217105-1	OUTFALL-001	Total/NA	Water	SM 2510B	
MB 280-723360/31	Method Blank	Total/NA	Water	SM 2510B	
MB 280-723360/46	Method Blank	Total/NA	Water	SM 2510B	
LCS 280-723360/30	Lab Control Sample	Total/NA	Water	SM 2510B	
LCS 280-723360/45	Lab Control Sample	Total/NA	Water	SM 2510B	

Analysis Batch: 723834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217105-1	OUTFALL-001	Total/NA	Water	SM 4500 H+ B	

General Chemistry (Continued)

Analysis Batch: 723834 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 280-723834/4	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
280-217105-1 DU	OUTFALL-001	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 723977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217105-1	OUTFALL-001	Total/NA	Water	SM 2540D	
MB 280-723977/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 280-723977/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 724723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217105-1	OUTFALL-001	Potentially Dissolved	Water	SM3500 CR B	
280-217105-1	OUTFALL-001	Total Recoverable	Water	SM3500 CR B	

Lab Chronicle

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-217105-1

Client Sample ID: OUTFALL-001

Date Collected: 11/14/25 01:45
Date Received: 11/14/25 16:15

Lab Sample ID: 280-217105-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	200.8			50 mL	50 mL	723765	11/20/25 10:07	AR	EET DEN
Total Recoverable	Analysis	200.7 Rev 4.4		1			724726	11/26/25 00:28	ADL	EET DEN
Potentially Dissolved	Filtration	Poten_Diss_Met			50 mL	50 mL	723192	11/17/25 16:06	MR	EET DEN
Potentially Dissolved	Prep	200.8			50 mL	50 mL	723219	11/17/25 17:56	MR	EET DEN
Potentially Dissolved	Analysis	200.8		1			724149	11/21/25 18:35	LMT	EET DEN
Total Recoverable	Prep	200.8			50 mL	50 mL	723765	11/20/25 10:08	AR	EET DEN
Total Recoverable	Analysis	200.8		1			724150	11/21/25 21:07	LMT	EET DEN
Total/NA	Prep	245.1			30 mL	50 mL	723332	11/18/25 11:07	TR	EET DEN
Total/NA	Analysis	245.1		1			723633	11/19/25 14:20	AMH	EET DEN
Total/NA	Analysis	SM 2510B		1			723360	11/18/25 12:37	EL	EET DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	723977	11/21/25 09:10	YBF	EET DEN
Dissolved	Filtration	FILTRATION			10 mL	10 mL	722960	11/14/25 21:15	BCR	EET DEN
Dissolved	Analysis	SM 3500 CR B		1	2 mL	2 mL	722967	11/14/25 21:34	BCR	EET DEN
Total/NA	Analysis	SM 3500 CR B		1	2 mL	2 mL	722967	11/14/25 21:36	BCR	EET DEN
Total/NA	Analysis	SM 4500 H+ B		1			723834	11/19/25 21:36	EL	EET DEN
Total/NA	Analysis	SM 4500 S2 D		1	2 mL	2 mL	723214	11/17/25 16:32	ABW	EET DEN
Potentially Dissolved	Analysis	SM3500 CR B		1			724723	11/26/25 11:05	RMS	EET DEN
Total Recoverable	Analysis	SM3500 CR B		1			724723	11/26/25 11:05	RMS	EET DEN
Total/NA	Analysis	SM4500 S2 H		1			723251	11/18/25 00:25	C1L	EET DEN

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Accreditation/Certification Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-217105-1

Laboratory: Eurofins Denver

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4025	01-08-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature
SM3500 CR B		Water	Chromium, trivalent
SM3500 CR B		Water	Chromium, trivalent (dissolved)
SM4500 S2 H		Water	Field pH
SM4500 S2 H		Water	Field Temperature
SM4500 S2 H		Water	Specific Conductance
SM4500 S2 H		Water	Sulfide
SM4500 S2 H		Water	Un-ionized Hydrogen Sulfide

Eurofins TestAmerica, Denver
4955 Yarrow Street
Arvada, CO 80002
Phone (303) 736-0100 Phone (303) 431-7171

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Karen Lopez	Lab PM: Bieniulis, Dylan T	Carrier Tracking No(s)	COC No.
Client Contact: John Rinko	Phone: 720-649-7722	E-Mail: Dylan.Bieniulis@et.eurofinsus.com	State of Origin:	Page.
Company: Grand Island Resources	PWSID:			Job #:
Address: 12567 West Cedar Drive Suite 110	Due Date Requested			
City: Lakewood	TAT Requested (days)			
State, Zip: CO, 80228	Compliance Project. Δ Yes Δ No			
Phone: (303) 601-9230	PO #:			
Email: johnrinko@yahoo.com	WO #:			
Project Name: Nederland, CO	Project #: 28022821			
Site: First half of the month event	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2510B - Specific Conductance, 2540D - TSS, SM4500_H+ - pH / Temp	3500_CR_B - Total Cr6+, 3500_CR_B - Diss. Cr6+ (LAB FILTER), TR Cr 3+ (calc), & PD Cr 3+ (calc)	SM4500_S2_D - Sulfide and SM3500_S2_H - Unionized Hydrogen Sulfide (calc)		200.8 - Potentially Dissolved Metals (First half of the month permit list)	200.7 / 200.8 / 245.1 - Total Recoverable Metals and Mercury (First half of the month permit list)									Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	CB		D	D										
OUTFALL-001	NOV 14 2025	1:45	G	W	N	N	X	X	X		X	X										5	*First half of the month potentially dissolved metals permit list = 200 8 (As, Cd, Cr, Cu, Pb, Mn, Ni Se Ag Zn)
																							*First half of the month total recoverable metals permit list = 200 7 (Fe) 200 8 (As Cd, Cr, Cu Pb, Zn), and 245 1 (Hg)
																							Lab - log both 3500 CR B Hexavalent Chromium method chains
																							Temp=6°C pH=8
																							Observed visible sheen or floating oil?
																							Yes (No) (circle one)
																							*If oil observed in discharge, sampling for oil & grease required.

280-217105 Chain of Custody

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Karen Lopez	11/14/2025 4:15	GIR		11-14-25 1615	EETDEN

Custody Seals Intact: Δ Yes Δ No | Custody Seal No:

Cooler Temperature(s) °C and Other Remarks: 9.0 IR#6 UCF-0.2

Ver: 01/16/2019

11/26/2025

Login Sample Receipt Checklist

Client: Grand Island Resources

Job Number: 280-217105-1

Login Number: 217105

List Source: Eurofins Denver

List Number: 1

Creator: Roehsner, Karen P

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Brooke Molson Moran
Grand Island Resources
12567 West Cedar Road
Suite 110
Lakewood, Colorado 80228

Generated 12/8/2025 12:27:36 AM

JOB DESCRIPTION

Nederland, CO

JOB NUMBER

280-217821-1

Eurofins Denver
4955 Yarrow Street
Arvada CO 80002

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

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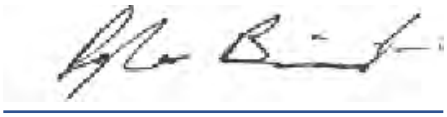

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Authorized for release by
Dylan Bieniulis, Project Manager I
Dylan.Bieniulis@et.eurofinsus.com
(303)736-0138

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Definitions/Glossary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-217821-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
280-217821-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report may include reporting limits (RLs) lower than Eurofins Environmental Testing standard reporting limits. The reported sample results and associated reporting limits are being used specifically to meet the needs of this project. Note that data are not normally reported to these levels without qualification because they are inherently less reliable and potentially less defensible than required by the latest industry standards.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

If potentially dissolved silver by method 200.8 is requested for samples on the chain of custody, this report contains a client specific, custom reporting limit.

Receipt
The sample was received on 11/25/2025 4:22 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

Method 200.8 - Metals (ICP/MS) - Potentially Dissolved
Sample OUTFALL 001 (280-217821-1) was analyzed for Metals (ICP/MS) - Potentially Dissolved. The sample was prepared on 12/2/2025 and analyzed on 12/4/2025.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 280-724774 and 280-725270. A LCSD was performed.

Method 200.8 - Metals (ICP/MS) - Total Recoverable
Sample OUTFALL 001 (280-217821-1) was analyzed for Metals (ICP/MS) - Total Recoverable. The sample was prepared on 12/1/2025 and analyzed on 12/3/2025.

Detection Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-217821-1

Client Sample ID: OUTFALL 001

Lab Sample ID: 280-217821-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	1.4	J	2.0	1.0	ug/L	1		200.8	Total Recoverable
Lead	0.58	J	1.0	0.50	ug/L	1		200.8	Total Recoverable
Cadmium	0.28	J	1.0	0.25	ug/L	1		200.8	Potentially Dissolved
Zinc	58		10	5.0	ug/L	1		200.8	Potentially Dissolved

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-217821-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	EET DEN
200.8	Preparation, Total Recoverable Metals	EPA	EET DEN
Poten_Diss_Met	Filtration for Potentially Dissolved Metals	EPA	EET DEN

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-217821-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
280-217821-1	OUTFALL 001	Water	11/25/25 12:00	11/25/25 16:22	Colorado

Client Sample Results

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-217821-1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Client Sample ID: OUTFALL 001
Date Collected: 11/25/25 12:00
Date Received: 11/25/25 16:22

Lab Sample ID: 280-217821-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**1.4**	**J**	2.0	1.0	ug/L		12/01/25 08:57	12/03/25 22:03	1
Lead	**0.58**	**J**	1.0	0.50	ug/L		12/01/25 08:57	12/03/25 22:03	1

Method: EPA 200.8 - Metals (ICP/MS) - Potentially Dissolved

Client Sample ID: OUTFALL 001
Date Collected: 11/25/25 12:00
Date Received: 11/25/25 16:22

Lab Sample ID: 280-217821-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**0.28**	**J**	1.0	0.25	ug/L		12/02/25 15:31	12/04/25 03:27	1
Copper	ND		2.0	1.0	ug/L		12/02/25 15:31	12/04/25 11:34	1
Lead	ND		1.0	0.50	ug/L		12/02/25 15:31	12/04/25 03:27	1
Silver	ND		0.50	0.25	ug/L		12/02/25 15:31	12/04/25 03:27	1
Zinc	**58**		10	5.0	ug/L		12/02/25 15:31	12/04/25 11:34	1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 280-724958/1-A
Matrix: Water
Analysis Batch: 725507

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 724958

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		2.0	1.0	ug/L		12/01/25 08:57	12/03/25 21:11	1
Lead	ND		1.0	0.50	ug/L		12/01/25 08:57	12/03/25 21:11	1

Lab Sample ID: LCS 280-724958/2-A
Matrix: Water
Analysis Batch: 725507

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 724958

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	100	102		ug/L		102	85 - 115
Lead	100	103		ug/L		103	85 - 115

Lab Sample ID: MB 280-724774/1-B
Matrix: Water
Analysis Batch: 725510

Client Sample ID: Method Blank
Prep Type: Potentially Dissolved
Prep Batch: 725270

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		1.0	0.25	ug/L		12/02/25 15:31	12/04/25 03:00	1
Copper	ND		2.0	1.0	ug/L		12/02/25 15:31	12/04/25 03:00	1
Lead	ND		1.0	0.50	ug/L		12/02/25 15:31	12/04/25 03:00	1
Silver	ND		0.50	0.25	ug/L		12/02/25 15:31	12/04/25 03:00	1
Zinc	ND		10	5.0	ug/L		12/02/25 15:31	12/04/25 03:00	1

Lab Sample ID: LCS 280-724774/2-B
Matrix: Water
Analysis Batch: 725510

Client Sample ID: Lab Control Sample
Prep Type: Potentially Dissolved
Prep Batch: 725270

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	100	99.9		ug/L		100	85 - 115
Copper	100	101		ug/L		101	85 - 115
Lead	100	103		ug/L		103	85 - 115
Silver	100	85.3		ug/L		85	85 - 115
Zinc	100	94.5		ug/L		95	85 - 115

Lab Sample ID: LCSD 280-724774/3-B
Matrix: Water
Analysis Batch: 725510

Client Sample ID: Lab Control Sample Dup
Prep Type: Potentially Dissolved
Prep Batch: 725270

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	100	98.9		ug/L		99	85 - 115	1	20
Copper	100	99.7		ug/L		100	85 - 115	2	20
Lead	100	101		ug/L		101	85 - 115	1	20
Silver	100	85.8		ug/L		86	85 - 115	1	20
Zinc	100	96.9		ug/L		97	85 - 115	2	20

QC Association Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-217821-1

Metals

Filtration Batch: 724774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217821-1	OUTFALL 001	Potentially Dissolved	Water	Poten_Diss_Met	
MB 280-724774/1-B	Method Blank	Potentially Dissolved	Water	Poten_Diss_Met	
LCS 280-724774/2-B	Lab Control Sample	Potentially Dissolved	Water	Poten_Diss_Met	
LCSD 280-724774/3-B	Lab Control Sample Dup	Potentially Dissolved	Water	Poten_Diss_Met	

Prep Batch: 724958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217821-1	OUTFALL 001	Total Recoverable	Water	200.8	
MB 280-724958/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 280-724958/2-A	Lab Control Sample	Total Recoverable	Water	200.8	

Prep Batch: 725270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217821-1	OUTFALL 001	Potentially Dissolved	Water	200.8	724774
MB 280-724774/1-B	Method Blank	Potentially Dissolved	Water	200.8	724774
LCS 280-724774/2-B	Lab Control Sample	Potentially Dissolved	Water	200.8	724774
LCSD 280-724774/3-B	Lab Control Sample Dup	Potentially Dissolved	Water	200.8	724774

Analysis Batch: 725507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217821-1	OUTFALL 001	Total Recoverable	Water	200.8	724958
MB 280-724958/1-A	Method Blank	Total Recoverable	Water	200.8	724958
LCS 280-724958/2-A	Lab Control Sample	Total Recoverable	Water	200.8	724958

Analysis Batch: 725510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217821-1	OUTFALL 001	Potentially Dissolved	Water	200.8	725270
MB 280-724774/1-B	Method Blank	Potentially Dissolved	Water	200.8	725270
LCS 280-724774/2-B	Lab Control Sample	Potentially Dissolved	Water	200.8	725270
LCSD 280-724774/3-B	Lab Control Sample Dup	Potentially Dissolved	Water	200.8	725270

Analysis Batch: 725613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-217821-1	OUTFALL 001	Potentially Dissolved	Water	200.8	725270

Lab Chronicle

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-217821-1

Client Sample ID: OUTFALL 001

Date Collected: 11/25/25 12:00
Date Received: 11/25/25 16:22

Lab Sample ID: 280-217821-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Potentially Dissolved	Filtration	Poten_Diss_Met			50 mL	50 mL	724774	11/26/25 13:44	MR	EET DEN
Potentially Dissolved	Prep	200.8			50 mL	50 mL	725270	12/02/25 15:31	SMK	EET DEN
Potentially Dissolved	Analysis	200.8		1			725510	12/04/25 03:27	LMT	EET DEN
Potentially Dissolved	Filtration	Poten_Diss_Met			50 mL	50 mL	724774	11/26/25 13:44	MR	EET DEN
Potentially Dissolved	Prep	200.8			50 mL	50 mL	725270	12/02/25 15:31	SMK	EET DEN
Potentially Dissolved	Analysis	200.8		1			725613	12/04/25 11:34	LMT	EET DEN
Total Recoverable	Prep	200.8			50 mL	50 mL	724958	12/01/25 08:57	AR	EET DEN
Total Recoverable	Analysis	200.8		1			725507	12/03/25 22:03	LMT	EET DEN

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Accreditation/Certification Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-217821-1

Laboratory: Eurofins Denver

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4025	01-08-26

Eurofins TestAmerica, Denver
4955 Yarrow Street
Arvada, CO 80002
Phone (303) 736-0100 Phone (303) 431-7171

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: JP BRECKER	Lab PM: Bieniulis Dylan T	Carrier Tracking No(s):	COC No:
Client Contact: John Rinko	Phone: 303-304-1183	E-Mail: Dylan.Bieniulis@et.eurofinsus.com	State of Origin:	Page:
Company: Grand Island Resources	PWSID:			Job #:
Address: 12567 West Cedar Drive Suite 110	Due Date Requested:			
City: Lakewood	TAT Requested (days):			
State, Zip: CO, 80228	Compliance Project: Δ Yes Δ No			
Phone: (303) 601-9230	PO #:			
Email: johnrinko@yahoo.com	WO #:			
Project Name: Nederland, CO	Project #: 28022821			
Site: second half of the month event	SSOW#:			

Analysis Requested

Preservation Codes.

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	Di Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.8 - Potentially Dissolved Metals (Second half of the month permit list)	200.8 - Total Recoverable Metals (Second half of the month permit list)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D		
OUTFALL 001	11/25/25	12pm	G	W			X	X		

*Second half of the month potentially dissolved metals permit list = 200 8 (Cd Cu, Pb Ag, Zn)

*Second half of the month total recoverable metals permit list = 200 8 (Cu Pb)

TEMP=

PH =

NO OIL OR SHEEN VISIBLE

280-217821 Chain of Custody

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
JP BRECKER	11/25/25 16:22pm	GIR		11/25/25 16:22	EETDEN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
		2.9°C IR Gun

Login Sample Receipt Checklist

Client: Grand Island Resources

Job Number: 280-217821-1

Login Number: 217821

List Source: Eurofins Denver

List Number: 1

Creator: Held, Wesley

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Brooke Molson Moran
Grand Island Resources
12567 West Cedar Road
Suite 110
Lakewood, Colorado 80228

Generated 12/16/2025 11:13:15 AM

JOB DESCRIPTION

Nederland, CO

JOB NUMBER

280-218272-1

Eurofins Denver
4955 Yarrow Street
Arvada CO 80002

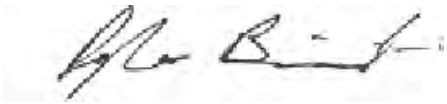
See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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Authorized for release by
Dylan Bieniulis, Project Manager I
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(303)736-0138

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Definitions/Glossary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-218272-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

Glossary

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

Job Narrative
280-218272-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report may include reporting limits (RLs) lower than Eurofins Environmental Testing standard reporting limits. The reported sample results and associated reporting limits are being used specifically to meet the needs of this project. Note that data are not normally reported to these levels without qualification because they are inherently less reliable and potentially less defensible than required by the latest industry standards.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

If potentially dissolved silver by method 200.8 is requested for samples on the chain of custody, this report contains a client specific, custom reporting limit.

Receipt
The sample was received on 12/8/2025 4:32 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C.

Method 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable
Sample Outfall 001 (280-218272-1) was analyzed for Metals (ICP) - Total Recoverable. The sample was prepared on 12/9/2025 and analyzed on 12/11/2025.

The interference check standard solution (ICSA) associated with batch 280-726604 had results for one or more elements at a level greater than the Reporting Limit. The following are the affected analytes: Cr.
The vendor acknowledges that these elements are trace impurities in the ICSA standard. These results are not indicative of a matrix interference.

Method 200.8 - Metals (ICP/MS) - Potentially Dissolved
Sample Outfall 001 (280-218272-1) was analyzed for Metals (ICP/MS) - Potentially Dissolved. The sample was prepared on 12/9/2025 and analyzed on 12/11/2025.

Method 200.8 - Metals (ICP/MS) - Total Recoverable
Sample Outfall 001 (280-218272-1) was analyzed for Metals (ICP/MS) - Total Recoverable. The sample was prepared on 12/9/2025 and analyzed on 12/12/2025.

Method 245.1 - Mercury (CVAA)
Sample Outfall 001 (280-218272-1) was analyzed for Mercury (CVAA). The sample was prepared on 12/9/2025 and analyzed on 12/10/2025.

Method SM 2510B - Conductivity, Specific Conductance
Sample Outfall 001 (280-218272-1) was analyzed for Conductivity, Specific Conductance. The sample was analyzed on 12/11/2025.

Method SM 2540D - Solids, Total Suspended (TSS)
Sample Outfall 001 (280-218272-1) was analyzed for Solids, Total Suspended (TSS). The sample was analyzed on 12/10/2025.

Method SM 3500 CR B - Chromium, Hexavalent

Job ID: 280-218272-1 (Continued) Eurofins Denver

Sample Outfall 001 (280-218272-1) was analyzed for Chromium, Hexavalent. The sample was analyzed on 12/9/2025.

Method SM 3500 CR B - Chromium, Hexavalent - Dissolved
Sample Outfall 001 (280-218272-1) was analyzed for Chromium, Hexavalent - Dissolved. The sample was analyzed on 12/9/2025.

Method SM3500 CR B - Chromium, Trivalent - Potentially Dissolved
Sample Outfall 001 (280-218272-1) was analyzed for Chromium, Trivalent - Potentially Dissolved. The sample was analyzed on 12/16/2025.

Method SM3500 CR B - Chromium, Trivalent - Total Recoverable
Sample Outfall 001 (280-218272-1) was analyzed for Chromium, Trivalent - Total Recoverable. The sample was analyzed on 12/16/2025.

Method SM 4500 H+ B - pH
Sample Outfall 001 (280-218272-1) was analyzed for pH. The sample was analyzed on 12/12/2025.

Sample did not equilibrate to within 0.05 pH units after three measurements. This was observed in a previous analysis thus the sample was not rerun. Outfall 001 (280-218272-1)

Method SM 4500 S2 D - Sulfide, Total
Sample Outfall 001 (280-218272-1) was analyzed for Sulfide, Total. The sample was analyzed on 12/9/2025.

Method SM4500 S2 H - Unionized Hydrogen Sulfide
Sample Outfall 001 (280-218272-1) was analyzed for Unionized Hydrogen Sulfide. The sample was analyzed on 12/11/2025.

Detection Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-218272-1

Client Sample ID: Outfall 001

Lab Sample ID: 280-218272-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.54	J	1.0	0.25	ug/L	1		200.8	Total Recoverable
Copper	2.4		2.0	1.0	ug/L	1		200.8	Total Recoverable
Lead	0.80	J	1.0	0.50	ug/L	1		200.8	Total Recoverable
Zinc	140		10	5.0	ug/L	1		200.8	Total Recoverable
Cadmium	0.51	J	1.0	0.25	ug/L	1		200.8	Potentially Dissolved
Copper	4.5		2.0	1.0	ug/L	1		200.8	Potentially Dissolved
Lead	1.1		1.0	0.50	ug/L	1		200.8	Potentially Dissolved
Manganese	1.5	J	3.0	1.5	ug/L	1		200.8	Potentially Dissolved
Selenium	0.56	J	2.0	0.50	ug/L	1		200.8	Potentially Dissolved
Zinc	140		10	5.0	ug/L	1		200.8	Potentially Dissolved
Specific Conductance	230		2.0	2.0	umhos/cm	1		SM 2510B	Total/NA
pH adj. to 25 deg C	7.3	HF	0.1	0.1	SU	1		SM 4500 H+ B	Total/NA
Temperature	21.4	HF	1.0	1.0	Degrees C	1		SM 4500 H+ B	Total/NA
Field pH	7.3		1.0	1.0	SU	1		SM4500 S2 H	Total/NA
Field Temperature	21		1.0	1.0	Celsius	1		SM4500 S2 H	Total/NA
Specific Conductance	230		2.0	2.0	umhos/cm	1		SM4500 S2 H	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-218272-1

Method	Method Description	Protocol	Laboratory
200.7 Rev 4.4	Metals (ICP)	EPA	EET DEN
200.8	Metals (ICP/MS)	EPA	EET DEN
245.1	Mercury (CVAA)	EPA	EET DEN
SM 2510B	Conductivity, Specific Conductance	SM	EET DEN
SM 2540D	Solids, Total Suspended (TSS)	SM	EET DEN
SM 3500 CR B	Chromium, Hexavalent	SM	EET DEN
SM 4500 H+ B	pH	SM	EET DEN
SM 4500 S2 D	Sulfide, Total	SM	EET DEN
SM3500 CR B	Chromium, Trivalent	SM	EET DEN
SM4500 S2 H	Unionized Hydrogen Sulfide	SM	EET DEN
200.7	Preparation, Total Recoverable Metals	EPA	EET DEN
200.8	Preparation, Total Recoverable Metals	EPA	EET DEN
245.1	Preparation, Mercury	EPA	EET DEN
FILTRATION	Sample Filtration	None	EET DEN
Poten_Diss_Met	Filtration for Potentially Dissolved Metals	EPA	EET DEN

Protocol References:

EPA = US Environmental Protection Agency

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-218272-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
280-218272-1	Outfall 001	Water	12/08/25 12:51	12/08/25 16:32	Colorado

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-218272-1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Client Sample ID: Outfall 001
Date Collected: 12/08/25 12:51
Date Received: 12/08/25 16:32

Lab Sample ID: 280-218272-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		100	40	ug/L		12/09/25 07:54	12/11/25 06:45	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Client Sample ID: Outfall 001
Date Collected: 12/08/25 12:51
Date Received: 12/08/25 16:32

Lab Sample ID: 280-218272-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.50	ug/L		12/09/25 07:54	12/12/25 02:09	1
Cadmium	**0.54**	**J**	1.0	0.25	ug/L		12/09/25 07:54	12/12/25 02:09	1
Chromium	ND		3.0	1.0	ug/L		12/09/25 07:54	12/12/25 02:09	1
Copper	**2.4**		2.0	1.0	ug/L		12/09/25 07:54	12/12/25 02:09	1
Lead	**0.80**	**J**	1.0	0.50	ug/L		12/09/25 07:54	12/12/25 02:09	1
Zinc	**140**		10	5.0	ug/L		12/09/25 07:54	12/12/25 02:09	1

Method: EPA 200.8 - Metals (ICP/MS) - Potentially Dissolved

Client Sample ID: Outfall 001
Date Collected: 12/08/25 12:51
Date Received: 12/08/25 16:32

Lab Sample ID: 280-218272-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.50	ug/L		12/09/25 13:31	12/11/25 21:20	1
Cadmium	**0.51**	**J**	1.0	0.25	ug/L		12/09/25 13:31	12/11/25 21:20	1
Chromium	ND		3.0	1.0	ug/L		12/09/25 13:31	12/11/25 21:20	1
Copper	**4.5**		2.0	1.0	ug/L		12/09/25 13:31	12/11/25 21:20	1
Lead	**1.1**		1.0	0.50	ug/L		12/09/25 13:31	12/11/25 21:20	1
Manganese	**1.5**	**J**	3.0	1.5	ug/L		12/09/25 13:31	12/11/25 21:20	1
Nickel	ND		3.0	1.0	ug/L		12/09/25 13:31	12/11/25 21:20	1
Selenium	**0.56**	**J**	2.0	0.50	ug/L		12/09/25 13:31	12/11/25 21:20	1
Silver	ND		0.50	0.25	ug/L		12/09/25 13:31	12/11/25 21:20	1
Zinc	**140**		10	5.0	ug/L		12/09/25 13:31	12/11/25 21:20	1

Method: EPA 245.1 - Mercury (CVAA)

Client Sample ID: Outfall 001
Date Collected: 12/08/25 12:51
Date Received: 12/08/25 16:32

Lab Sample ID: 280-218272-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.060	ug/L		12/09/25 15:24	12/10/25 17:05	1

General Chemistry

Client Sample ID: Outfall 001
Date Collected: 12/08/25 12:51
Date Received: 12/08/25 16:32

Lab Sample ID: 280-218272-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance (SM 2510B)	**230**		2.0	2.0	umhos/cm			12/11/25 12:41	1
Total Suspended Solids (SM 2540D)	ND		4.0	1.5	mg/L			12/10/25 10:26	1
Chromium, hexavalent (SM 3500 CR B)	ND		20	5.0	ug/L			12/09/25 11:59	1
pH adj. to 25 deg C (SM 4500 H+ B)	**7.3**	**HF**	0.1	0.1	SU			12/12/25 14:05	1
Temperature (SM 4500 H+ B)	**21.4**	**HF**	1.0	1.0	Degrees C			12/12/25 14:05	1

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-218272-1

General Chemistry (Continued)

Client Sample ID: Outfall 001
Date Collected: 12/08/25 12:51
Date Received: 12/08/25 16:32

Lab Sample ID: 280-218272-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SM 4500 S2 D)	ND		0.050	0.035	mg/L			12/09/25 16:44	1
Un-ionized Hydrogen Sulfide (SM4500 S2 H)	ND		1.0	1.0	mg/L			12/11/25 08:50	1
Field pH (SM4500 S2 H)	**7.3**		1.0	1.0	SU			12/11/25 08:50	1
Field Temperature (SM4500 S2 H)	**21**		1.0	1.0	Celsius			12/11/25 08:50	1
Specific Conductance (SM4500 S2 H)	**230**		2.0	2.0	umhos/cm			12/11/25 08:50	1
Sulfide (SM4500 S2 H)	ND		1.0	1.0	mg/L			12/11/25 08:50	1

General Chemistry - Total Recoverable

Client Sample ID: Outfall 001
Date Collected: 12/08/25 12:51
Date Received: 12/08/25 16:32

Lab Sample ID: 280-218272-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, trivalent (SM3500 CR B)	ND	H	3.0	3.0	ug/L			12/16/25 11:07	1

General Chemistry - Dissolved

Client Sample ID: Outfall 001
Date Collected: 12/08/25 12:51
Date Received: 12/08/25 16:32

Lab Sample ID: 280-218272-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SM 3500 CR B)	ND		20	5.0	ug/L			12/09/25 11:57	1

General Chemistry - Potentially Dissolved

Client Sample ID: Outfall 001
Date Collected: 12/08/25 12:51
Date Received: 12/08/25 16:32

Lab Sample ID: 280-218272-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, trivalent (dissolved) (SM3500 CR B)	ND		3.0	3.0	ug/L			12/16/25 11:07	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 280-726116/1-A
Matrix: Water
Analysis Batch: 726604

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 726116

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		100	40	ug/L		12/09/25 07:54	12/11/25 04:57	1

Lab Sample ID: LCS 280-726116/2-A
Matrix: Water
Analysis Batch: 726604

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 726116

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	10000	9860		ug/L		99	85 - 115

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 280-726116/1-A
Matrix: Water
Analysis Batch: 726658

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 726116

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.50	ug/L		12/09/25 07:54	12/12/25 00:49	1
Cadmium	ND		1.0	0.25	ug/L		12/09/25 07:54	12/12/25 00:49	1
Chromium	ND		3.0	1.0	ug/L		12/09/25 07:54	12/12/25 00:49	1
Copper	ND		2.0	1.0	ug/L		12/09/25 07:54	12/12/25 00:49	1
Lead	ND		1.0	0.50	ug/L		12/09/25 07:54	12/12/25 00:49	1
Zinc	ND		10	5.0	ug/L		12/09/25 07:54	12/12/25 00:49	1

Lab Sample ID: LCS 280-726116/23-A
Matrix: Water
Analysis Batch: 726658

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 726116

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	97.6		ug/L		98	85 - 115
Cadmium	100	105		ug/L		105	85 - 115
Chromium	100	103		ug/L		103	85 - 115
Copper	100	104		ug/L		104	85 - 115
Lead	100	107		ug/L		107	85 - 115
Zinc	100	95.0		ug/L		95	85 - 115

Lab Sample ID: MB 280-726199/1-B
Matrix: Water
Analysis Batch: 726657

Client Sample ID: Method Blank
Prep Type: Potentially Dissolved
Prep Batch: 726203

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.50	ug/L		12/09/25 13:31	12/11/25 21:31	1
Cadmium	ND		1.0	0.25	ug/L		12/09/25 13:31	12/11/25 21:31	1
Chromium	ND		3.0	1.0	ug/L		12/09/25 13:31	12/11/25 21:31	1
Copper	ND		2.0	1.0	ug/L		12/09/25 13:31	12/11/25 21:31	1
Lead	ND		1.0	0.50	ug/L		12/09/25 13:31	12/11/25 21:31	1
Manganese	ND		3.0	1.5	ug/L		12/09/25 13:31	12/11/25 21:31	1
Nickel	ND		3.0	1.0	ug/L		12/09/25 13:31	12/11/25 21:31	1
Selenium	ND		2.0	0.50	ug/L		12/09/25 13:31	12/11/25 21:31	1
Silver	ND		0.50	0.25	ug/L		12/09/25 13:31	12/11/25 21:31	1
Zinc	ND		10	5.0	ug/L		12/09/25 13:31	12/11/25 21:31	1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: LCS 280-726199/12-B
Matrix: Water
Analysis Batch: 726657

Client Sample ID: Lab Control Sample
Prep Type: Potentially Dissolved
Prep Batch: 726203

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	100		ug/L		100	85 - 115
Cadmium	100	98.8		ug/L		99	85 - 115
Chromium	100	96.5		ug/L		96	85 - 115
Copper	100	97.5		ug/L		98	85 - 115
Lead	100	102		ug/L		102	85 - 115
Manganese	100	101		ug/L		101	85 - 115
Nickel	100	95.9		ug/L		96	85 - 115
Selenium	100	102		ug/L		102	85 - 115
Silver	100	95.0		ug/L		95	85 - 115
Zinc	100	94.3		ug/L		94	85 - 115

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 280-726232/1-A
Matrix: Water
Analysis Batch: 726444

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 726232

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.060	ug/L		12/09/25 15:23	12/10/25 16:28	1

Lab Sample ID: LCS 280-726232/2-A
Matrix: Water
Analysis Batch: 726444

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 726232

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	4.85		ug/L		97	85 - 115

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: MB 280-726564/4
Matrix: Water
Analysis Batch: 726564

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	ND		2.0	2.0	umhos/cm			12/11/25 12:41	1

Lab Sample ID: LCS 280-726564/3
Matrix: Water
Analysis Batch: 726564

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Specific Conductance	1410	1430		umhos/cm		101	90 - 110

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-218272-1

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 280-726328/1
Matrix: Water
Analysis Batch: 726328

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	1.5	mg/L			12/10/25 10:26	1

Lab Sample ID: LCS 280-726328/2
Matrix: Water
Analysis Batch: 726328

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			501	450		mg/L		90	80 - 114		

Method: SM 3500 CR B - Chromium, Hexavalent

Lab Sample ID: MB 280-726170/2-A
Matrix: Water
Analysis Batch: 726176

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		20	5.0	ug/L			12/09/25 11:56	1

Lab Sample ID: LCS 280-726170/1-A
Matrix: Water
Analysis Batch: 726176

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent			100	102		ug/L		102	85 - 115		

Lab Sample ID: 280-218272-1 MS
Matrix: Water
Analysis Batch: 726176

Client Sample ID: Outfall 001
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent	ND		100	104		ug/L		104	85 - 115		

Lab Sample ID: 280-218272-1 MSD
Matrix: Water
Analysis Batch: 726176

Client Sample ID: Outfall 001
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		100	105		ug/L		105	85 - 115	1	20

Lab Sample ID: 280-218272-1 DU
Matrix: Water
Analysis Batch: 726176

Client Sample ID: Outfall 001
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Chromium, hexavalent	ND			ND		ug/L				NC	20

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-218272-1

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 280-726811/4
Matrix: Water
Analysis Batch: 726811

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
pH adj. to 25 deg C	7.03	7.0		SU		100	99 - 101

Method: SM 4500 S2 D - Sulfide, Total

Lab Sample ID: MB 280-726254/10
Matrix: Water
Analysis Batch: 726254

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		0.050	0.035	mg/L			12/09/25 16:40	1

Lab Sample ID: LCS 280-726254/9
Matrix: Water
Analysis Batch: 726254

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	0.501	0.500		mg/L		100	81 - 122

Metals

Prep Batch: 726116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218272-1	Outfall 001	Total Recoverable	Water	200.8	
MB 280-726116/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 280-726116/23-A	Lab Control Sample	Total Recoverable	Water	200.8	
LCS 280-726116/2-A	Lab Control Sample	Total Recoverable	Water	200.8	

Filtration Batch: 726199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 280-726199/1-B	Method Blank	Potentially Dissolved	Water	Filtration	
LCS 280-726199/12-B	Lab Control Sample	Potentially Dissolved	Water	Filtration	

Filtration Batch: 726202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218272-1	Outfall 001	Potentially Dissolved	Water	Poten_Diss_Met	

Prep Batch: 726203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218272-1	Outfall 001	Potentially Dissolved	Water	200.8	726202
MB 280-726199/1-B	Method Blank	Potentially Dissolved	Water	200.8	726199
LCS 280-726199/12-B	Lab Control Sample	Potentially Dissolved	Water	200.8	726199

Prep Batch: 726232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218272-1	Outfall 001	Total/NA	Water	245.1	
MB 280-726232/1-A	Method Blank	Total/NA	Water	245.1	
LCS 280-726232/2-A	Lab Control Sample	Total/NA	Water	245.1	

Analysis Batch: 726444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218272-1	Outfall 001	Total/NA	Water	245.1	726232
MB 280-726232/1-A	Method Blank	Total/NA	Water	245.1	726232
LCS 280-726232/2-A	Lab Control Sample	Total/NA	Water	245.1	726232

Analysis Batch: 726604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218272-1	Outfall 001	Total Recoverable	Water	200.7 Rev 4.4	726116
MB 280-726116/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	726116
LCS 280-726116/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	726116

Analysis Batch: 726657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218272-1	Outfall 001	Potentially Dissolved	Water	200.8	726203
MB 280-726199/1-B	Method Blank	Potentially Dissolved	Water	200.8	726203
LCS 280-726199/12-B	Lab Control Sample	Potentially Dissolved	Water	200.8	726203

Analysis Batch: 726658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218272-1	Outfall 001	Total Recoverable	Water	200.8	726116
MB 280-726116/1-A	Method Blank	Total Recoverable	Water	200.8	726116
LCS 280-726116/23-A	Lab Control Sample	Total Recoverable	Water	200.8	726116

General Chemistry

Filtration Batch: 726170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218272-1	Outfall 001	Dissolved	Water	FILTRATION	
MB 280-726170/2-A	Method Blank	Dissolved	Water	FILTRATION	
LCS 280-726170/1-A	Lab Control Sample	Dissolved	Water	FILTRATION	
280-218272-1 MS	Outfall 001	Dissolved	Water	FILTRATION	
280-218272-1 MSD	Outfall 001	Dissolved	Water	FILTRATION	
280-218272-1 DU	Outfall 001	Dissolved	Water	FILTRATION	

Analysis Batch: 726176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218272-1	Outfall 001	Dissolved	Water	SM 3500 CR B	726170
280-218272-1	Outfall 001	Total/NA	Water	SM 3500 CR B	
MB 280-726170/2-A	Method Blank	Dissolved	Water	SM 3500 CR B	726170
LCS 280-726170/1-A	Lab Control Sample	Dissolved	Water	SM 3500 CR B	726170
280-218272-1 MS	Outfall 001	Dissolved	Water	SM 3500 CR B	726170
280-218272-1 MSD	Outfall 001	Dissolved	Water	SM 3500 CR B	726170
280-218272-1 DU	Outfall 001	Dissolved	Water	SM 3500 CR B	726170

Analysis Batch: 726254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218272-1	Outfall 001	Total/NA	Water	SM 4500 S2 D	
MB 280-726254/10	Method Blank	Total/NA	Water	SM 4500 S2 D	
LCS 280-726254/9	Lab Control Sample	Total/NA	Water	SM 4500 S2 D	

Analysis Batch: 726328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218272-1	Outfall 001	Total/NA	Water	SM 2540D	
MB 280-726328/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 280-726328/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 726488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218272-1	Outfall 001	Total/NA	Water	SM4500 S2 H	

Analysis Batch: 726564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218272-1	Outfall 001	Total/NA	Water	SM 2510B	
MB 280-726564/4	Method Blank	Total/NA	Water	SM 2510B	
LCS 280-726564/3	Lab Control Sample	Total/NA	Water	SM 2510B	

Analysis Batch: 726811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218272-1	Outfall 001	Total/NA	Water	SM 4500 H+ B	
LCS 280-726811/4	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 727143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-218272-1	Outfall 001	Potentially Dissolved	Water	SM3500 CR B	
280-218272-1	Outfall 001	Total Recoverable	Water	SM3500 CR B	

Lab Chronicle

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-218272-1

Client Sample ID: Outfall 001

Date Collected: 12/08/25 12:51
Date Received: 12/08/25 16:32

Lab Sample ID: 280-218272-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	200.8			50 mL	50 mL	726116	12/09/25 07:54	AR	EET DEN
Total Recoverable	Analysis	200.7 Rev 4.4		1			726604	12/11/25 06:45	CAF	EET DEN
Potentially Dissolved	Filtration	Poten_Diss_Met			50 mL	50 mL	726202	12/09/25 13:23	MR	EET DEN
Potentially Dissolved	Prep	200.8			50 mL	50 mL	726203	12/09/25 13:31	MR	EET DEN
Potentially Dissolved	Analysis	200.8		1			726657	12/11/25 21:20	LMT	EET DEN
Total Recoverable	Prep	200.8			50 mL	50 mL	726116	12/09/25 07:54	AR	EET DEN
Total Recoverable	Analysis	200.8		1			726658	12/12/25 02:09	LMT	EET DEN
Total/NA	Prep	245.1			30 mL	50 mL	726232	12/09/25 15:24	SMK	EET DEN
Total/NA	Analysis	245.1		1			726444	12/10/25 17:05	SMK	EET DEN
Total/NA	Analysis	SM 2510B		1			726564	12/11/25 12:41	EL	EET DEN
Total/NA	Analysis	SM 2540D		1	250 mL	250 mL	726328	12/10/25 10:26	YBF	EET DEN
Dissolved	Filtration	FILTRATION			10 mL	10 mL	726170	12/09/25 11:41	BCR	EET DEN
Dissolved	Analysis	SM 3500 CR B		1	2 mL	2 mL	726176	12/09/25 11:57	BCR	EET DEN
Total/NA	Analysis	SM 3500 CR B		1	2 mL	2 mL	726176	12/09/25 11:59	BCR	EET DEN
Total/NA	Analysis	SM 4500 H+ B		1			726811	12/12/25 14:05	EL	EET DEN
Total/NA	Analysis	SM 4500 S2 D		1	2 mL	2 mL	726254	12/09/25 16:44	BCR	EET DEN
Potentially Dissolved	Analysis	SM3500 CR B		1			727143	12/16/25 11:07	RMS	EET DEN
Total Recoverable	Analysis	SM3500 CR B		1			727143	12/16/25 11:07	RMS	EET DEN
Total/NA	Analysis	SM4500 S2 H		1			726488	12/11/25 08:50	SAH	EET DEN

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Accreditation/Certification Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-218272-1

Laboratory: Eurofins Denver

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4025	01-08-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature
SM3500 CR B		Water	Chromium, trivalent
SM3500 CR B		Water	Chromium, trivalent (dissolved)
SM4500 S2 H		Water	Field pH
SM4500 S2 H		Water	Field Temperature
SM4500 S2 H		Water	Specific Conductance
SM4500 S2 H		Water	Sulfide
SM4500 S2 H		Water	Un-ionized Hydrogen Sulfide

Eurofins TestAmerica, Denver
4955 Yarrow Street
Arvada, CO 80002
Phone (303) 736-0100 Phone (303) 431-7171

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: JP BREWER	Lab PM: Bieniulis, Dylan T	Carrier Tracking No(s)	COC No.
Client Contact: John Rinko	Phone: 303-304-1183	E-Mail: Dylan.Bieniulis@et.eurofinsus.com	State of Origin:	Page.
Company: Grand Island Resources	PWSID:	Analysis Requested		Job #:
Address: 12567 West Cedar Drive Suite 110	Due Date Requested			Preservation Codes: A HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J DI Water, K EDTA, L EDA, M - Hexane, N None, O - AsNaO2, P Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T TSP Dodecahydrate, U - Acetone, V MCAA, W pH 4-5, Z other (specify); Other
City: Lakewood	TAT Requested (days):			
State, Zip: CO, 80228	Compliance Project: Δ Yes Δ No			
Phone: (303) 601-9230	PO #:			
Email: johnrinko@yahoo.com	WO #:			
Project Name: Nederland, CO	Project #: 28022821			
Site: First half of the month event	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2510B - Specific Conductance, 2540D - TSS, SM4500_H+ - pH / Temp	3500_CR_B - Total Cr6+, 3500_CR_B - Diss. Cr6+ (LAB FILTER), TR Cr 3+ (calc), & PD Cr 3+ (calc)	SM4500_S2_D - Sulfide and SM3500_S2_H - Unionized Hydrogen Sulfide (calc)		200.8 - Potentially Dissolved Metals (First half of the month permit list)	200.7 / 200.8 / 245.1 - Total Recoverable Metals and Mercury (First half of the month permit list)										Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	CB		D	D										X	
OUTFALL 001	12/8/25	12:15 MT	G	W	N	N	X	X	X		X	X											*First half of the month potentially dissolved metals permit list = 200 8 (As, Cd Cr Cu, Pb, Mn, Ni, Se, Ag, Zn) *First half of the month total recoverable metals permit list = 200 7 (Fe), 200 8 (As Cd, Cr, Cu Pb, Zn) and 245 1 (Hg) *Lab - log both 3500 CR B Hexavalent Chromium method chains* PH-7.8 TEMP-5°C=41°F NO OIL ORSHEEN VISIBLE

280-218272 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab X Archive For 1 Months
Deliverable Requested I, II, III, IV, Other (specify)	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JP BREWER	12/8/25 16:32	GIR	Michael Ell	12/8/25 16:32	EET-DEN
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time:	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.
		T: 3.3 CF: -0.2 IR#: PABV

Ver 01/16/2019

Login Sample Receipt Checklist

Client: Grand Island Resources

Job Number: 280-218272-1

Login Number: 218272

List Source: Eurofins Denver

List Number: 1

Creator: Little, Matthew L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Brooke Molson Moran
Grand Island Resources
12567 West Cedar Road
Suite 110
Lakewood, Colorado 80228

Generated 1/5/2026 11:32:53 PM

JOB DESCRIPTION

Nederland, CO

JOB NUMBER

280-219268-1

Eurofins Denver
4955 Yarrow Street
Arvada CO 80002

See page two for job notes and contact information.

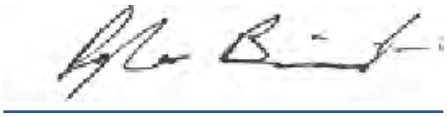
myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



Generated
1/5/2026 11:32:53 PM

Authorized for release by
Dylan Bieniulis, Project Manager I
Dylan.Bieniulis@et.eurofinsus.com
(303)736-0138

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Definitions/Glossary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-219268-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
280-219268-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report may include reporting limits (RLs) lower than Eurofins Environmental Testing standard reporting limits. The reported sample results and associated reporting limits are being used specifically to meet the needs of this project. Note that data are not normally reported to these levels without qualification because they are inherently less reliable and potentially less defensible than required by the latest industry standards.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

If potentially dissolved silver by method 200.8 is requested for samples on the chain of custody, this report contains a client specific, custom reporting limit.

Receipt
The sample was received on 12/29/2025 3:33 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C.

Method 200.8 - Metals (ICP/MS) - Potentially Dissolved
Sample OUTFALL 001 (280-219268-1) was analyzed for Metals (ICP/MS) - Potentially Dissolved. The sample was prepared on 12/31/2025 and analyzed on 1/2/2026.

Method 200.8 - Metals (ICP/MS) - Total Recoverable
Sample OUTFALL 001 (280-219268-1) was analyzed for Metals (ICP/MS) - Total Recoverable. The sample was prepared on 12/29/2025 and analyzed on 12/30/2025.

Detection Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-219268-1

Client Sample ID: OUTFALL 001

Lab Sample ID: 280-219268-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.45	J	1.0	0.25	ug/L	1		200.8	Potentially Dissolved
Zinc	110		10	5.0	ug/L	1		200.8	Potentially Dissolved

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-219268-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	EET DEN
200.8	Preparation, Total Recoverable Metals	EPA	EET DEN
Poten_Diss_Met	Filtration for Potentially Dissolved Metals	EPA	EET DEN

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-219268-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
280-219268-1	OUTFALL 001	Water	12/29/25 12:30	12/29/25 15:33	Colorado

Client Sample Results

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-219268-1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Client Sample ID: OUTFALL 001
Date Collected: 12/29/25 12:30
Date Received: 12/29/25 15:33

Lab Sample ID: 280-219268-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		2.0	1.0	ug/L		12/29/25 16:55	12/30/25 22:41	1
Lead	ND		1.0	0.50	ug/L		12/29/25 16:55	12/30/25 22:41	1

Method: EPA 200.8 - Metals (ICP/MS) - Potentially Dissolved

Client Sample ID: OUTFALL 001
Date Collected: 12/29/25 12:30
Date Received: 12/29/25 15:33

Lab Sample ID: 280-219268-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**0.45**	**J**	1.0	0.25	ug/L		12/31/25 11:36	01/02/26 16:58	1
Copper	ND		2.0	1.0	ug/L		12/31/25 11:36	01/02/26 16:58	1
Lead	ND		1.0	0.50	ug/L		12/31/25 11:36	01/02/26 16:58	1
Silver	ND		0.50	0.25	ug/L		12/31/25 11:36	01/02/26 16:58	1
Zinc	**110**		10	5.0	ug/L		12/31/25 11:36	01/02/26 16:58	1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 280-728544/1-A
Matrix: Water
Analysis Batch: 728765

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 728544

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		2.0	1.0	ug/L		12/29/25 16:55	12/30/25 22:17	1
Lead	ND		1.0	0.50	ug/L		12/29/25 16:55	12/30/25 22:17	1

Lab Sample ID: LCS 280-728544/2-A
Matrix: Water
Analysis Batch: 728765

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 728544

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	100	97.8		ug/L		98	85 - 115
Lead	100	101		ug/L		101	85 - 115

Lab Sample ID: MB 280-728800/1-B
Matrix: Water
Analysis Batch: 729041

Client Sample ID: Method Blank
Prep Type: Potentially Dissolved
Prep Batch: 728802

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		1.0	0.25	ug/L		12/31/25 11:36	01/02/26 16:20	1
Copper	ND		2.0	1.0	ug/L		12/31/25 11:36	01/02/26 16:20	1
Lead	ND		1.0	0.50	ug/L		12/31/25 11:36	01/02/26 16:20	1
Silver	ND		0.50	0.25	ug/L		12/31/25 11:36	01/02/26 16:20	1
Zinc	ND		10	5.0	ug/L		12/31/25 11:36	01/02/26 16:20	1

Lab Sample ID: LCS 280-728800/7-B
Matrix: Water
Analysis Batch: 729041

Client Sample ID: Lab Control Sample
Prep Type: Potentially Dissolved
Prep Batch: 728802

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	100	99.8		ug/L		100	85 - 115
Copper	100	97.7		ug/L		98	85 - 115
Lead	100	98.8		ug/L		99	85 - 115
Silver	100	95.1		ug/L		95	85 - 115
Zinc	100	104		ug/L		104	85 - 115

QC Association Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-219268-1

Metals

Prep Batch: 728544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-219268-1	OUTFALL 001	Total Recoverable	Water	200.8	
MB 280-728544/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 280-728544/2-A	Lab Control Sample	Total Recoverable	Water	200.8	

Filtration Batch: 728651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-219268-1	OUTFALL 001	Potentially Dissolved	Water	Poten_Diss_Met	

Analysis Batch: 728765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-219268-1	OUTFALL 001	Total Recoverable	Water	200.8	728544
MB 280-728544/1-A	Method Blank	Total Recoverable	Water	200.8	728544
LCS 280-728544/2-A	Lab Control Sample	Total Recoverable	Water	200.8	728544

Filtration Batch: 728800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 280-728800/1-B	Method Blank	Potentially Dissolved	Water	Filtration	
LCS 280-728800/7-B	Lab Control Sample	Potentially Dissolved	Water	Filtration	

Prep Batch: 728802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-219268-1	OUTFALL 001	Potentially Dissolved	Water	200.8	728651
MB 280-728800/1-B	Method Blank	Potentially Dissolved	Water	200.8	728800
LCS 280-728800/7-B	Lab Control Sample	Potentially Dissolved	Water	200.8	728800

Analysis Batch: 729041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-219268-1	OUTFALL 001	Potentially Dissolved	Water	200.8	728802
MB 280-728800/1-B	Method Blank	Potentially Dissolved	Water	200.8	728802
LCS 280-728800/7-B	Lab Control Sample	Potentially Dissolved	Water	200.8	728802

Lab Chronicle

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-219268-1

Client Sample ID: OUTFALL 001

Date Collected: 12/29/25 12:30
Date Received: 12/29/25 15:33

Lab Sample ID: 280-219268-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Potentially Dissolved	Filtration	Poten_Diss_Met			50 mL	50 mL	728651	12/30/25 11:52	MR	EET DEN
Potentially Dissolved	Prep	200.8			50 mL	50 mL	728802	12/31/25 11:36	MR	EET DEN
Potentially Dissolved	Analysis	200.8		1			729041	01/02/26 16:58	AJH	EET DEN
Total Recoverable	Prep	200.8			50 mL	50 mL	728544	12/29/25 16:55	AMH	EET DEN
Total Recoverable	Analysis	200.8		1			728765	12/30/25 22:41	LMT	EET DEN

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Accreditation/Certification Summary

Client: Grand Island Resources
Project/Site: Nederland, CO

Job ID: 280-219268-1

Laboratory: Eurofins Denver

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4025	01-08-26

Eurofins TestAmerica, Denver
4955 Yarrow Street
Arvada, CO 80002
Phone (303) 736-0100 Phone (303) 431-7171

Chain of Custody Record

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Client Information	Sampler: JP BRECOCK	Lab PM: Bieniulis, Dylan T	Carrier Tracking No(s):	COC No:
Client Contact: John Rinko	Phone: 303-304-1183	E-Mail: Dylan.Bieniulis@et.eurofinsus.com	State of Origin:	Page:
Company: Grand Island Resources	PWSID:	Analysis Requested		Job #:
Address: 12567 West Cedar Drive Suite 110	Due Date Requested:			Preservation Codes:
City: Lakewood	TAT Requested (days):			A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)
State, Zip: CO, 80228	Compliance Project: Δ Yes Δ No			
Phone: (303) 601-9230	PO #:			Other:
Email: johnrinko@yahoo.com	WO #:			
Project Name: Nederland, CO	Project #: 28022821			
Site: second half of the month event	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.8 - Potentially Dissolved Metals (Second half of the month permit list)	200.8 - Total Recoverable Metals (Second half of the month permit list)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D		
OUTFALL 001	12/29/25	12:30	G	W			X	X		*Second half of the month potentially dissolved metals permit list = 200.8 (Cd, Cu, Pb, Ag, Zn) *Second half of the month total recoverable metals permit list = 200.8 (Cu, Pb) PH = 7.7 TEMP = 2.5°C 36.5 F NO VISIBLE OIL OR SHEEN

280-219268 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab X Archive For 1 Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JP BRECOCK	12/29/25 2:02pm	GIR	JUSTIN RAMER	12/29/25 2:02pm	GIR
Relinquished by: JUSTIN RAMER	Date/Time: 12/29/25 3:33pm	Company	Received by:	Date/Time: 12-29-25 1532	Company EEI DEN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4°C PABW CF-0-2

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Grand Island Resources

Job Number: 280-219268-1

Login Number: 219268

List Source: Eurofins Denver

List Number: 1

Creator: Held, Wesley

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX C SURFACE WATER ANALYTICAL RESULTS

Surface water not flowing during this quarter, therefore no samples taken.

APPENDIX D CHAIN OF CUSTODY (COC) FORMS

Eurofins Denver
4955 Yarrow Street
Arvada, CO 80002
Phone: 303-736-0100 Fax: 303-431-7171

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bieniulis, Dylan T	Carrier Tracking No(s): N/A	COC No: 280-779594.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Dylan.Bieniulis@et.eurofinsus.com	State of Origin: Colorado	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Louisiana (All); NELAP - Oregon		Job #: 280-218648-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 1/21/2026			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Nederland, CO - Groundwater	Project #: 28025589			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	901.1_Cs/FIELD_FLTRD(MOD) Cesium-137 only	900.0/FIELD_FLTRDStandard Target List	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
CARIBOU PORTAL (280-218648-1)	12/11/25	13:00 Mountain	G	Water			X	X	2	
CROSS PORTAL (280-218648-2)	12/11/25	14:00 Mountain	G	Water			X	X	2	
CROSS PORTAL 02 (280-218648-3)	12/11/25	14:00 Mountain	G	Water			X	X	2	
COMPLIANCE WELL (280-218648-4)	12/12/25	11:00 Mountain	G	Water			X	X	2	
COMPLIANCE 03 (280-218648-5)	12/12/25	11:00 Mountain	G	Water			X	X	3	
CROSS WELL (280-218648-6)	12/12/25	13:00 Mountain	G	Water			X	X	2	
CARIBOU WELL (280-218648-7)	12/12/25	13:30 Mountain	G	Water			X	X	2	
CARIBOU WELL 02 (280-218648-8)	12/12/25	13:30 Mountain	G	Water			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	12-15-25 15:00	Eurofins	[signature]	0935 DEC 16 2025	
2	Relinquished by:	Date/Time:	Company	Received by: Cheyenne	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins TestAmerica, Denver
4955 Yarrow Street
Arvada, CO 80002
Phone (303) 736-0100 Phone (303) 431-7171

Chain of Custody Record

eurofins | Environment Testing America

280-218648 Chain of Custody

Client Information	Sampler: BM	Lab PM: Bieniulis, Dylan T	Carrier T…
Client Contact: Brooke Molson Moran	Phone: 303-506-1618	E-Mail: Dylan.Bieniulis@et.eurofinsus.com	State o…
Company: Grand Island Resources	PWSID:		
Address: 12567 West Cedar Road Suite 250	Due Date Requested		
City: Lakewood	TAT Requested (days)		
State, Zip: CO, 80466	Compliance Project. Δ Yes Δ No		
Phone: 315-414-6986	PO #: Not required		
Email: bmolsonm@g.emporia.edu	WO #:		
Project Name: Nederland, CO	Project #: 28025589		
Site: Groundwater Sampling	SSOW#:		

Analysis Request…

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.7/200.8 - Dissolved Metals (Grounwater Permit List) (Field Filtered)	SM4500_SO4_E - Sulfate, SM4500_Cl_E - Chloride, and	300.0 Nitrate	353.2 - Nitrate/Nitrite as N	2540C - TDS	900.0 - Gross Alpha and Gross Beta (Field Filtered) (Eurofins TestAmerica St. Louis)	901.1 - Beta/Photon Emitters + TICs (Field Filtered) (Eurofins TestAmerica St. Louis)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	S	N	D	D			
CARIBOU PORTAL	12/11/25	13:00	G	W			X	X	X	X	X	X		6	300 0 Nitrate = 48 hour hold time
CROSS PORTAL	12/11/25	14:00	G	W			X	X	X	X	X	X		6	* Groundwater Dissolved Metals Permit List = 200 7 (Al, B, Fe) and 200 8 (Sb, As Ba, Cd, Cu Pb Mn, Mo U, Zn)
CROSS PORTAL 02	12/11/25	14:00	G	W			X	X	X	X	X	X		6	
COMPLIANCE WELL	12/12/25	11:00	G	W			X	X	X	X	X	X		6	NITRIC-PRESERVED
COMPLIANCE 03	12/12/25	11:00	G	W			X	X	X	X	X	X		7	BOTTLES
CROSS WELL	12/12/25	13:00	G	W			X	X	X	X	X	X		6	FIELD-FILTERED
CARIBOU WELL	12/12/25	13:30	G	W			X	X	X	X	X	X		6	
CARIBOU WELL 02	12/12/25	13:30	G	W			X	X	X	X	X	X		6	Compliance 03 has 2 bottles for 3eta/photon analysis.

B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify); Other:

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Brooke Moran	12/12/25 15:10	GIR	SP Brecoer	12/12/25 15:12	GIR
SP Brecoer	12/12/25 17:35	GIR		12/12/25 1735	EETDEN
Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company

Custody Seals Intact Δ Yes Δ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks: 3.6, 4.0, 2.8, 3.3 IR Gun CF-0.2

Ver: 01/16/2019

APPENDIX E FIELD SHEETS

SURFACE WATER SAMPLING DATA SHEET

SWAMP Field Data Sheet (Water Chemistry & Discrete Probe) - EventType=WQ | ZROJ_BOARD_16_1W_20_08) Entered in database (mm/dd/yyyy) | Pg 1 of 7 Pgs

*StationID: 2022-01 | *Date (mm/dd/yyyy): 12 / 11 / 25 | *Group: n/a | *Agency: n/a

*Funding: n/a | ArrivalTime: 14:00 | DepartureTime: 14:15 | *SampleTime (1st sample): n/a | *Protocol: n/a

*Personnel: BM | *Purpose (circle all that apply): WaterChem WaterTox FieldObs FieldMeasure | *PurposeFailure: n/a

*Location: (Bank) Thalweg Midchannel OpenWater | *GPS/DGPS | Lat (dd.ddddd) | Long (ddd.ddddd) | OCCUPATION METHOD: (Walk-in) Bridge R/V _____ Other

GPS Device: GPS WAYPOINTS APP | Target: 39.97904 | -105.57585 | STARTING BANK (facing downstream): (LB) / RB / NA

Datum: NAD83 | Accuracy (ft / m): 1.20 | *Actual: 39.978992 | -105.575798 | Point of Sample (if Integrated, then -88 in dbase)

Field Observations (SampleType = FieldObs)

WADEABILITY: Y / N / (Unk) | BEAUFORT SCALE (see attachment): 7 | DISTANCE FROM BANK (m): n/a | STREAM WIDTH (m): n/a | WATER DEPTH (m): n/a

SITE ODOR: (None), Sulfides, Sewage, Petroleum, Mixed, Other

SKY CODE: Clear, (Partly Cloudy), Overcast, Fog | WIND DIRECTION (from): NW | HYDROMODIFICATION: (None), Bridge, Pipes, ConcreteChannel, GradeControl, Culvert, AerialZipline, Other n/a | LOCATION (to sample): US / DS / WI /

OTHERPRESENCE: (none) Vascular, Nonvascular, OilySheen, Foam, Trash, Other | PHOTOS (RB & LB assigned when facing downstream; RENAME to StationCode_yyyy_mm_dd_uniquecode): 1: (RB / LB / BB / US / DS / ##) 2022-01_A

DOMINANTSUBSTRATE: Bedrock, Concrete, Cobble, Gravel, Sand, Mud, Unk, Other n/a

WATERCLARITY: n/a Clear (see bottom), Cloudy (>4" vis), Murky (<4" vis) | PRECIPITATION: (None), Fog, Drizzle, Rain, Snow | 2: (RB / LB / BB / US / DS / ##) 2022-01_B

WATERODOR: (None), Sulfides, Sewage, Petroleum, Mixed, Other | PRECIPITATION (last 24 hrs): Unknown, <1", >1" (None) | 3: (RB / LB / BB / US / DS / ##) 2022-01_C

WATERCOLOR: Colorless, Green, Yellow, Brown n/a

OBSERVED FLOW: (NA), Dry Waterbody Bed, No Obs Flow, Isolated Pool, Trickle (<0.1cfs), 0.1-1cfs, 1-5cfs, 5-20cfs, 20-50cfs, 50-200cfs, >200cfs

Field Measurements (SampleType = FieldMeasure; Method = Field)

N/A

	DepthCollec (m)	Velocity (fps)	Air Temp (°C)	Water Temp (°C)	pH	O_2 (mg/L)	O_2 (%)	Specific Conductivity (uS/cm)	Salinity (ppt)	Turbidity (ntu)	Stage Ht (units ____)		
SUBSURF/MID/ BOTTOM/REP													
SUBSURF/MID/ BOTTOM/REP													
SUBSURF/MID/ BOTTOM/REP													
Instrument:													
Calib. Date:													

Samples Taken (# of containers filled) - Method = Water_Grab

Field Dup YES / NO: (SampleType = Grab / Integrated; LABEL_ID = FieldQA; create collection record upon data entry

SAMPLE TYPE: Grab / Integrated | COLLECTION EQUIPMENT: Indiv bottle (by hand, by pole, by bucket); Teflon tubing; Kemmerer; Pole & Beaker; Other _____

	DepthCollec (m)	Inorganics	Bacteria	Chl a	TSS / SSC	TOC / DOC	Total Hg	Dissolved Mercury	Total Metals	Dissolved Metals	Organics	Toxicity	VOAs
Sub/Surface													
Sub/Surface													

COMMENTS:
DRY CREEKBED, NO SAMPLES COLLECTED

N/A

Sample Processing Date:

Sample ID #											
Site Code											
Yellow +	# Small Wells										
	# Large Wells										
	Empty Wells										
	MPN										
Yellow + Fluorescence (+)	# Small Wells										
	# Large Wells										
	False Positives										
	MPN										
Temp/Time	Start	4Hr. Check		14 Hr. Check		18 Hr. Check		22 Hr. Check, if needed			

		FIELD DUPLICATES				LAB DUPLICATES			
		Normal Sample # / Duplicate Sample #	MPN	95% CI Lower	95% CI Upper	Normal Sample # / Duplicate Sample #	MPN	95% CI Lower	95% CI Upper
TOTAL COLIFORM	Normal					Normal			
	Duplicate					Duplicate			
	Mean			Pass	Needs Review	Mean		Pass	Needs Review
E. COLI	Normal					Normal			
	Duplicate					Duplicate			
	Mean			Pass	Needs Review	Mean		Pass	Needs Review
BLANKS	Field Sample #			Pass	Needs Review	Lab Sample #		Pass	Needs Review

Mean = Mean of Normal and Duplicate, which is then compared to the individual corresponding CI's to determine acceptability of data

Sampler Signature / Date / Time Arrived: | Placed in Incubator By / Date / Time: | Trays Read By:

Processed / Date / Time: | Pulled from Incubator By / Date / Time: | Entered into database:

NOTES:

Brooke Moran 12/11/25

SURFACE WATER SAMPLING DATA SHEET

SWAMP Field Data Sheet (Water Chemistry & Discrete Probe) - EventType=WQ | ~~ERQI BOARD v1.6_1W_20_08~~ Entered in d-b a se (init el / date) | Pg 2 of 7 Pgs

*StationID: 2022-02	*Date (mm/dd/yyyy): 12/11/25		*Group: n/a	*Agency: n/a	
*Funding: n/a	ArrivalTime: 13:00	DepartureTime: 13:15	*SampleTime (1st sample): n/a	*Protocol: n/a	
*Personnel: BM	*Purpose (circle all that apply): WaterChem WaterTox FieldObs FieldMeasure			*PurposeFailure: n/a	
*Location: Bank Thalweg Midchannel OpenWater	*GPS/DGPS	Lat (dd.ddddd)	Long (ddd.ddddd)	OCCUPATION METHOD: Walk-in Bridge R/V _____ Other	
GPS Device: GPS WAYPOINTS APP	Target:	39.975787	-105.569328	STARTING BANK (facing downstream): LB RB NA	
Datum: NAD83	Accuracy (ft m): 1.40	*Actual:	39.975873	-105.569305	Point of Sample (if Integrated, then -88 in dbase)

Field Observations (SampleType = FieldObs)

SITE ODOR: None, Sulfides, Sewage, Petroleum, Mixed, Other	WADEABILITY: Y / N / Unk	BEAUFORT SCALE (see attachment): 6	DISTANCE FROM BANK (m): n/a	STREAM WIDTH (m): n/a
SKY CODE: Clear, Partly Cloudy, Overcast, Fog	WIND DIRECTION (from): NW	HYDROMODIFICATION: None, Bridge, Pipes, ConcreteChannel, GradeControl, Culvert, AerialZipline, Other n/a		WATER DEPTH (m): n/a
OTHERPRESENCE: none, Vascular, Nonvascular, OilySheen, Foam, Trash, Other		LOCATION (to sample): US / DS / WI /		
DOMINANTSUBSTRATE: Bedrock, Concrete, Cobble, Gravel, Sand, Mud, Unk, Other n/a		PHOTOS (RB & LB assigned when facing downstream; RENAME to StationCode_yyyy_mm_dd_uniquecode):	1: (RB / LB / BB / US / DS / ##) 2022-02_A	
WATERCLARITY: n/a Clear (see bottom), Cloudy (>4" vis), Murky (<4" vis)	PRECIPITATION: None, Fog, Drizzle, Rain, Snow		2: (RB / LB / BB / US / DS / ##) 2022-02_B	
WATERODOR: n/a None, Sulfides, Sewage, Petroleum, Mixed, Other	PRECIPITATION (last 24 hrs): Unknown, <1", >1", None		3: (RB / LB / BB / US / DS / ##) 2022-02_C	
WATERCOLOR: n/a Colorless, Green, Yellow, Brown				
OBSERVED FLOW: NA Dry Waterbody Bed, No Obs Flow, Isolated Pool, Trickle (<0.1cfs), 0.1-1cfs, 1-5cfs, 5-20cfs, 20-50cfs, 50-200cfs, >200cfs				

Field Measurements (SampleType = FieldMeasure; Method = Field)

	DepthCollec (m)	Velocity (fps)	Air Temp (°C)	Water Temp (°C)	pH	O_2 (mg/L)	O_2 (%)	Specific Conductivity (uS/cm)	Salinity (ppt)	Turbidity (ntu)	Stage Ht (units ____)		
SUBSURF/MID/ BOTTOM/REP													
SUBSURF/MID/ BOTTOM/REP													
SUBSURF/MID/ BOTTOM/REP													
Instrument:													
Calib. Date:													

N/A

Samples Taken (# of containers filled) - Method=Water_Grab | Field Dup YES / NO: (SampleType = Grab / Integrated; LABEL_ID = FieldQA; create collection record upon data entry

SAMPLE TYPE: Grab / Integrated | COLLECTION EQUIPMENT: Indiv bottle (by hand, by pole, by bucket); Teflon tubing; Kemmerer; Pole & Beaker; Other _____

	DepthCollec (m)	Inorganics	Bacteria	Chl a	TSS / SSC	TOC / DOC	Total Hg	Dissolved Mercury	Total Metals	Dissolved Metals	Organics	Toxicity	VOAs
Sub/Surface													
Sub/Surface													

COMMENTS:
DRY CREEKBED, NO SAMPLES COLLECTED

Name:										Sample Processing Date:			
Sample ID #:													
Site Code:													
Yellow +	# Small Wells												
	# Large Wells												
	Empty Wells												
	MPN												
Yellow + Fluorescence (+)	# Small Wells												
	# Large Wells												
	False Positives												
	MPN												
Temp/Time	Start	4Hr. Check		14 Hr. Check		18 Hr. Check		22 Hr. Check, if needed					

N/A

		FIELD DUPLICATES				LAB DUPLICATES			
		Normal Sample # / Duplicate Sample #				Normal Sample # / Duplicate Sample #			
		MPN	95% CI Lower	95% CI Upper		MPN	95% CI Lower	95% CI Upper	
TOTAL COLIFORM	Normal					Normal			
	Duplicate					Duplicate			
	Mean		Pass	Needs Review		Mean	Pass	Needs Review	
E. COLI	Normal					Normal			
	Duplicate					Duplicate			
	Mean		Pass	Needs Review		Mean	Pass	Needs Review	
BLANKS	Field Sample #		Pass	Needs Review		Lab Sample #	Pass	Needs Review	

Mean = Mean of Normal and Duplicate, which is then compared to the individual corresponding CI's to determine acceptability of data

Sampler Signature / Date / Time Arrived:	Placed in Incubator By / Date / Time:	Trays Read By:
Processor / Date / Time:	Pulled from Incubator By / Date / Time:	Entered into database:

NOTES:

Brooke Moran 12/11/25

GROUND WATER SAMPLING DATA SHEET

IDENTIFICATION Project Number:

Sample Location CROSS WELL Date 12/12/25 Start Time 11:35 Stop time 13:15 Page 3 of 7

Sample Control Number n/a Samplers BM

WEATHER CONDITIONS

Ambient Air Temperature: 40.1 °C☐ °F☒ Not Measured ☐ **Wind:** Heavy☐ Moderate☐ Light☒

Precipitation: None☒ Rain☐ Snow☐ Heavy☐ Moderate☐ Light☐ Sunny☐ Partly Cloudy☒

INITIAL WELL MEASUREMENTS (Measurements in feet made from top of well casing)

Static Water Level -32 Total Depth 173 Top of Screen n/a Filter Pack Interval n/a Borehole Diameter(inches) n/a

2-inch = 0.1632 gal/ft 4-inch = 0.6528 gal/ft 6-inch = 1.4688 gal/ft Casing Volume: 150.3 gallons

Well Casing ID * Well Casing OD n/a Protective Casing Stickup n/a Well Casing Stickup 1.2 Feet of Water n/a

Well purged with: WELL PUMP

FINAL WELL MEASUREMENTS

Static Water Level -32 Total Depth 173 Total Volume Purged 456 Saturated Borehole Volume (gal) n/a Max Pumping Rate n/a

INSTRUMENT CALIBRATION

pH Meter: Meter Number OAKTON 02

Buffer 7.0 Measured Value 7.0 Temp. 17.9 °C

Buffer 10.0 Measured Value 9.9 Temp. 18.0 °C

Conductivity Meter: Meter Number CMI-2104-01479

Standard 0.447 mS/cm Measured Value 0.5 mS/cm Temp. 18 °C

Standard n/a mS/cm Measured Value n/a mS/cm Temp. n/a °C

Turbidity Meter: Neutry Standard n/a NTU Measured Value n/a NTU Standard n/a NTU Measured Value n/a NTU

FIELD PARAMETER MEASUREMENTS DURING PURGING

Time	Volume (gallons)	pH	Cond. ~~(µS/cm)~~ (mS/cm)	Temp. °C☒ °F☐	Turbidity Visual Est.☐ Measured☒	Comments
11:35	0	7.3	0.3	10.8	16.5	SAMPLES COLLECTED
12:05	152	7.0	0.3	6.9	3.2	WITH DISPOSABLE CUP
12:35	304	7.1	0.4	6.5	1.6	
13:00	456	7.0	0.3	6.1	1.7	
						FIELD-FILTERED FOR
						RADIONUCLIDES AND
						METALS
						SAMPLED VIA PORT

FINAL SAMPLE PARAMETERS

Sample Date	Sample Time	Discharge cfs☐ gpm☒	pH	Cond. ~~(µS/cm)~~ (mS/cm)	Temp. (°C)	Turbidity Visual Est.☐ Measured☒		
12/12/25	13:00	7.0	7.0	0.3	6.1	1.7		

Duplicate Sample-02 (sample control number/time n/a)

Field Blank-03 (sample control number/time n/a)

Rinsate Sample-04 (sample control number/time n/a)

Matrix Spike-MS (sample control number/time n/a)

_____ (sample control number/time n/a)

QAQC INFO AVAILABLE IN LAB REPORT

Notes: * 6 5/8" from -1' to 40', 4 1/2" from 15' to 205'

Sampler's Signature Brooke Moran 12/12/25

GROUND WATER SAMPLING DATA SHEET

IDENTIFICATION Project Number:

Sample Location COMPLIANCE WELL Date 12/12/25 Start Time 10:00 Stop time 11:15 Page 4 of 7

Sample Control Number n/a Samplers BM

WEATHER CONDITIONS

Ambient Air Temperature: 36.9 °C☐ °F☒ Not Measured ☐ **Wind:** Heavy☐ Moderate☒ Light☐

Precipitation: None☒ Rain☐ Snow☐ Heavy☐ Moderate☐ Light☐ Sunny☐ Partly Cloudy☒

INITIAL WELL MEASUREMENTS (Measurements in feet made from top of well casing)

Static Water Level -40 Total Depth 125 Top of Screen n/a Filter Pack Interval n/a Borehole Diameter(inches) n/a

2-inch = 0.1632 gal/ft 4-inch = 0.6528 gal/ft 6-inch = 1.4688 gal/ft Casing Volume: 113.4 gallons

Well Casing ID ✳ Well Casing OD n/a Protective Casing Stickup n/a Well Casing Stickup 1.0 Feet of Water n/a

Well purged with: WELL PUMP

FINAL WELL MEASUREMENTS

Static Water Level -40 Total Depth 125 Total Volume Purged 342 Saturated Borehole Volume (gal) n/a Max Pumping Rate n/a

INSTRUMENT CALIBRATION

pH Meter: Meter Number OAKTON 02 **Conductivity Meter:** Meter Number CM1-2104-01479

Buffer 7.0 Measured Value 7.0 Temp. 17.9 °C Standard 0.447 mS/cm Measured Value 0.5 mS/cm Temp. 18 °C

Buffer 10.0 Measured Value 9.9 Temp. 18.0 °C Standard n/a mS/cm Measured Value n/a mS/cm Temp. n/a °C

Turbidity Meter: Newtry Standard n/a NTU Measured Value n/a NTU Standard n/a NTU Measured Value n/a NTU

FIELD PARAMETER MEASUREMENTS DURING PURGING

Time	Volume (gallons)	pH	Cond. ~~(µS/cm)~~ (mS/cm)	Temp. °C☒ °F☐	Turbidity Visual Est.☐ Measured☒	Comments
10:00	0	7.8	0.3	6.7	2.8	SAMPLES COLLECTED
10:20	114	7.3	0.3	5.7	2.5	WITH DISPOSABLE CUP
10:40	228	7.3	0.3	5.8	1.5	
11:00	342	7.2	0.3	5.5	1.6	
						FIELD-FILTERED FOR
						RADIONUCLIDES AND
						METALS
						SAMPLED AT WELL HEAD

FINAL SAMPLE PARAMETERS

Sample Date	Sample Time	Discharge cfs☐ gpm☒	pH	Cond. ~~(µS/cm)~~ (mS/cm)	Temp. (°C)	Turbidity Visual Est.☐ Measured☒		
12/12/25	11:00	25	7.2	0.3	5.5	1.6		

Duplicate Sample-02 (sample control number/time n/a)

Field Blank-03 (sample control number/time COMPLIANCE03)

Rinsate Sample-04 (sample control number/time n/a)

Matrix Spike-MS (sample control number/time n/a)

_____ (sample control number/time n/a)

QAQC INFO AVAILABLE IN LAB REPORT

Notes: ✳ 6 5/8" from -1' to 50', 4 1/2" from 15' to 165'

Sampler's Signature Brooke Moran 12/12/25

GROUND WATER SAMPLING DATA SHEET

IDENTIFICATION

Sample Location CARIBOU WELL Date 12/12/25 Start Time 5:30 Stop time 13:45 Page 5 of 7 Project Number:

Sample Control Number n/a Samplers BM

WEATHER CONDITIONS

Ambient Air Temperature: 40.5 °C☐ °F☒ Not Measured ☐ Wind: Heavy☐ Moderate☐ Light☒

Precipitation: None☒ Rain☐ Snow☐ Heavy☐ Moderate☐ Light☐ Sunny☐ Partly Cloudy☒

INITIAL WELL MEASUREMENTS (Measurements in feet made from top of well casing)

Static Water Level -30 Total Depth 135 Top of Screen n/a Filter Pack Interval n/a Borehole Diameter(inches) n/a

2-inch = 0.1632 gal/ft 4-inch = 0.6528 gal/ft 6-inch = 1.4688 gal/ft Casing Volume: 111.5 gallons

Well Casing ID * Well Casing OD n/a Protective Casing Stickup n/a Well Casing Stickup 2.4 Feet of Water n/a

Well purged with: WELL PUMP

FINAL WELL MEASUREMENTS

Static Water Level -30 Total Depth 135 Total Volume Purged 4800 Saturated Borehole Volume (gal) n/a Max Pumping Rate n/a

INSTRUMENT CALIBRATION

pH Meter: Meter Number OAKTON02

Buffer 7.0 Measured Value 7.10 Temp. 17.9 °C

Buffer 10.0 Measured Value 9.9 Temp. 18.0 °C

Conductivity Meter: Meter Number CM1-2104-01479

Standard 0.447 mS/cm Measured Value 0.5 mS/cm Temp. 18 °C

Standard n/a mS/cm Measured Value n/a mS/cm Temp. n/a °C

Turbidity Meter: Neutry Standard n/a NTU Measured Value n/a NTU Standard n/a NTU Measured Value n/a NTU

FIELD PARAMETER MEASUREMENTS DURING PURGING

Time	Volume (gallons)	pH	Cond. ~~(µS/cm)~~ (mS/cm)	Temp. °C☒ °F☐	Turbidity Visual Est.☐ Measured☒	Comments
5:30	0	6.8	0.2	6.8	5.4	SAMPLES COLLECTED
7:30	1200	6.5	0.2	7.8	5.4	WITH DISPOSABLE CUP
9:30	2400	6.5	0.2	8.1	1.6	
11:30	3600	6.7	0.2	8.2	2.3	
13:30	4800	6.6	0.2	6.2	1.7	FIELD-FILTERED FOR
						RADIONUCLIDES AND
						METALS
						SAMPLED AT WELL HEAD

FINAL SAMPLE PARAMETERS

Sample Date	Sample Time	Discharge cfs☐ gpm☒	pH	Cond. ~~(µS/cm)~~ (mS/cm)	Temp. (°C)	Turbidity Visual Est.☐ Measured☒		
12/12/25	13:30	10	6.6	0.2	6.2	1.7		

Duplicate Sample-02 (sample control number/time CARIBOU WELL 02)

Field Blank-03 (sample control number/time n/a)

Rinsate Sample-04 (sample control number/time n/a)

Matrix Spike-MS (sample control number/time n/a)

_____ (sample control number/time n/a)

QAQC INFO AVAILABLE IN LAB REPORT

Notes: *6 5/8" from -1' to 26', 4 1/2" from 15' to 165'

Sampler's Signature Brooke Nolan 12/12/25

GROUND WATER SAMPLING DATA SHEET

IDENTIFICATION

Sample Location CROSS PORTAL Date 12/11/25 Start Time 13:45 Stop time 14:15 Project Number: Page 6 of 7

Sample Control Number n/a Samplers BM

WEATHER CONDITIONS

Ambient Air ~~Temperature~~: _____ °C☐ °F☐ Not Measured ☐ **Wind:** Heavy☐ Moderate☐ Light☐

Precipitation: None☐ Rain☐ Snow☐ Heavy☐ Moderate☐ Light☐ Sunny☐ Partly Cloudy☐

INITIAL WELL MEASUREMENTS (Measurements in feet made from top of well casing)

Static Water Level____ Total Depth____Top of Screen____ Filter Pack Interval_____ Borehole Diameter(inches)

2-inch = 0.1632 gal/ft 4-inch = 0.6528 gal/ft 6-inch = 1.4688 gal/ft Casing Volume:_____ gallons

Well Casing ID____ Well Casing OD____ Protective Casing Stickup___ Well Casing Stickup____ Feet of Water

N/A Well purged with: _____

FINAL WELL MEASUREMENTS

Static Water Level__ Total Depth__ Total Volume Purged__ Saturated Borehole Volume (gal)___ Max Pumping Rate

INSTRUMENT CALIBRATION

pH Meter: Meter Number OAKTON02

Buffer 7.0 Measured Value 7.0 Temp. 17.9 °C

Buffer 10.0 Measured Value 9.9 Temp. 18.0 °C

Conductivity Meter: Meter Number CM1-2104-01479

Standard 0.447 mS/cm Measured Value 0.5 mS/cm Temp. 18 °C

Standard n/a mS/cm Measured Value n/a mS/cm Temp. n/a °C

Turbidity Meter: Neotry Standard n/a NTU Measured Value n/a NTU Standard n/a NTU Measured Value n/a NTU

FIELD PARAMETER MEASUREMENTS DURING PURGING

Time	Volume (gallons)	pH	Cond. ~~(µS/cm)~~ (mS/cm)	Temp. °C☒ °F☐	Turbidity Visual Est.☐ Measured☒	Comments
14:00	n/a	8.3	0.3	6.8°	2.9	SAMPLES COLLECTED
						WITH DISPOSABLE CUP
						FIELD-FILTERED FOR
						RADIONUCLIDES AND
						METALS

FINAL SAMPLE PARAMETERS

Sample Date	Sample Time	Discharge cfs☐ gpm☐	pH	Cond. ~~(µS/cm)~~ (mS/cm)	Temp. (°C)	Turbidity Visual Est.☐ Measured☒		
12/11/25	14:00	n/a	8.3	0.3	6.8°	2.9		

Duplicate Sample-02 (sample control number/time CROSS PORTAL 02)

Field Blank-03 (sample control number/time n/a)

Rinsate Sample-04 (sample control number/time n/a)

Matrix Spike-MS (sample control number/time n/a)

_____ (sample control number/time n/a)

QAQC INFO AVAILABLE IN LAB REPORT

Notes:

Sampler's Signature Brooke Moran 12/11/25

GROUND WATER SAMPLING DATA SHEET

IDENTIFICATION

Sample Location CARIBOU PORTAL Date 12/11/25 Start Time 12:45 Stop time 13:15 Project Number: Page 7 of 7

Sample Control Number n/a Samplers BM

WEATHER CONDITIONS

Ambient Air Temperature: _____ °C☐ °F☐ Not Measured ☐ **Wind:** Heavy☐ Moderate☐ Light☐

Precipitation: None☐ Rain☐ Snow☐ Heavy☐ Moderate☐ Light☐ Sunny☐ Partly Cloudy☐

INITIAL WELL MEASUREMENTS (Measurements in feet made from top of well casing)

Static Water Level____ Total Depth_____Top of Screen_____ Filter Pack Interval_____ Borehole Diameter(inches)

2-inch = 0.1632 gal/ft 4-inch = 0.6528 gal/ft 6-inch = 1.4688 gal/ft Casing Volume:_____ gallons

N/A

Well Casing ID____ Well Casing OD____ Protective Casing Stickup___ Well Casing Stickup___ Feet of Water

Well purged with: _____

FINAL WELL MEASUREMENTS

Static Water Level__ Total Depth__ Total Volume Purged__ Saturated Borehole Volume (gal)__ Max Pumping Rate

INSTRUMENT CALIBRATION

pH Meter: Meter Number OAKTON01

Buffer 7.0 Measured Value 7.0 Temp. 17.9 °C

Buffer 10.0 Measured Value 9.9 Temp. 18.0 °C

Conductivity Meter: Meter Number CM1-2104-01479

Standard 0.447 mS/cm Measured Value 0.5 mS/cm Temp. 18 °C

Standard n/a mS/cm Measured Value n/a mS/cm Temp. n/a °C

Turbidity Meter: New Standard n/a NTU Measured Value n/a NTU Standard n/a NTU Measured Value n/a NTU

FIELD PARAMETER MEASUREMENTS DURING PURGING

Time	Volume (gallons)	pH	Cond. ~~(µS/cm)~~ (mS/cm)	Temp. °C☐ °F☒	Turbidity Visual Est.☐ Measured☒	Comments
13:00	n/a	8.7	0.4	4.4°	3.3	SAMPLES COLLECTED WITH DISPOSABLE CUP
						FIELD-FILTERED FOR RADIONUCLIDES AND METALS

FINAL SAMPLE PARAMETERS

Sample Date	Sample Time	Discharge cfs☐ gpm☐	pH	Cond. ~~(µS/cm)~~ (mS/cm)	Temp. (°C)	Turbidity Visual Est.☐ Measured☒		
12/11/25	13:00	n/a	8.7	0.4	4.4°	3.3		

Duplicate Sample-02 (sample control number/time n/a)

Field Blank-03 (sample control number/time n/a)

Rinsate Sample-04 (sample control number/time n/a)

Matrix Spike-MS (sample control number/time n/a)

_____ (sample control number/time n/a)

QAQC INFO AVAILABLE IN LAB REPORT

Notes:

Sampler's Signature Brooke Moran 12/11/25

APPENDIX F PHOTOGRAPHS

APPENDIX F.1 SAMPLE LOCATION 2022-01 PHOTOGRAPHS

APPENDIX F.2 SAMPLE LOCATION 2022-02 PHOTOGRAPHS