



## Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

July 08, 2025

143 Diamond Ave  
Parachute, CO 81635  
970-285-2925

**Project Manager :** Blair Rollins

**Project Name :** L25W

**Project Number :** n/a

Attached are the analytical results for L25W n/a received by Elevation Diagnostics, Division of Environmental Testing on June 27, 2025. This is associated with Elevation's number AA25775 .

The results were analyzed under the guidelines of various methods. These methods are identified in the report as follows: "SW" is referring to the EPA's SW-846 Compendium; "EPA" is referring to 40 CFR part 136; "HACH" is referring to a method which was validated by HACH®; "SM" is referring to a revision of the Standard Methods For the Examination of Water and Wastewater; and "ASTM" is referring to the standard test method set forth by ASTM International.

The analytical results in this report apply specifically to the samples listed in the attached Chain of Custody. This report may only be duplicated in full.

Any deviations to sample integrity, method specifications, or Elevation Diagnostics's standard operating procedures are documented in the report below.

Please contact us for any questions or comments concerning the content of this report.

Thank you,

Elevation Diagnostics, Division of Environmental Testing

## Chain of Custody Form


## Elevation Diagnostics

2115 North Scranton Street Suite 3040A Aurora, CO 80045  
800.440.5184

Client: QB Energy  
Address: Info on File  
City/State/ZIP: Parachute, Co, 81635  
Phone: 970-640-6919  
Project Contact: Blair Rollins (brollins@qb-energy.com)

Project Name/Number: L25W Source of Produced Water  
Project Location: Garfield, County  
Collector Name: Blair Rollins

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative					Matrix			Analysis Requested										Interim report requested	
					HCl	HNO <sub>3</sub>	None	Other	Water	Soil	Other	pH	Table 915-1 Metals											<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
1	20250625-MCSOURCE(L25W)	6/25/2025	1235	3			x		x			x	x											
2																								
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								

Relinquished By: Blair Rollins	Relinquished By: Aislyn Sharp	Relinquished By: Aislyn Sharp	Scan to Deliver Samples
Date/Time:	Date/Time: 6/25/25 1600	Date/Time:	
Lab Use Only	Observed Temperature Upon Receipt: 6.1°C	Sample Intact: Yes	
	Corrected Temperature Upon Receipt: 2.4°C	pH Checked: No	
	Thermometer #: EDX EQ 238	pH Adjusted: N/A	
	Correction Factor: +1.3°C	PFAS rec'd on ice: N/A	
		Name/Lot Number of Adjustment: N/A	

2025-06-27-002

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RE: COC's Received 6/26: L25W Source Protected Water

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From Blair Rollins <brollins@qb-energy.com>  
Date Thu 6/26/2025 3:43 PM  
To Allie Sholk <allie@elevationdiagnostics.com>  
Cc Dylan Johnson <dylan@elevationdiagnostics.com>; Stephanie Aldrich <Stephanie@elevationdiagnostics.com>

Hi Allie,

Please complete the appropriate preservative to run the sample for metals.

As for boron, we would like to have total boron analysis but would like it reported on a separate report from the other sample.

Thank you for reaching out regarding this sample. Please let me know if you have any additional issues with this project.

Thank you,

**Blair Rollins**  
Environmental Specialist  
QB Energy LLC  
143 Diamond Avenue  
Parachute, CO 81635  
M: 970-640-6919 | E: [brollins@qb-energy.com](mailto:brollins@qb-energy.com)



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From: Allie Sholk <allie@elevationdiagnostics.com>  
Sent: Thursday, June 26, 2025 3:18 PM  
To: Blair Rollins <brollins@qb-energy.com>  
Cc: Dylan Johnson <dylan@elevationdiagnostics.com>; Stephanie Aldrich <Stephanie@elevationdiagnostics.com>  
Subject: COC's Received 6/26: L25W Source Protected Water

Good afternoon,

I am reaching out regarding some water samples we received this afternoon under the project name "**L25W Source Protected Water**." We received four unpreserved bottles of water with two COC's (*please see attached*). The first COC requests that 1 container be analyzed for HWS Boron, which can only be run for soils; however, we can test for Boron under aqueous metals. The second COC requests pH and Table 915 Metals. We are able to run pH on an unpreserved water sample but require a preserved water sample to process metals.

Would you like us to preserve some of the water samples for you in order to run metal analysis? If so, would you like for us to add Boron to the list of metal analytes? Also, all 4 bottles are labeled the same- do you have a preference as to which bottles are used for each test?

Please feel free to reach out to me or our project manager, Stephanie, if you have any questions.

Thank you,  
Allie

**Allie Sholk**  
(she/her)  
Environmental Laboratory Assistant  
Elevation Diagnostics  
[allie@elevationdiagnostics.com](mailto:allie@elevationdiagnostics.com)

**Division of Environmental Testing**

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**FINAL RESULTS REPORT****Report Date :** 7/8/2025**Report Time :** 17:11**Project Manager:** Blair Rollins**Project Name:** L25W**Project Number:** n/a

Sample ID	Customer ID	Collected		Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start						Recovery
AA25775-1		20250625-MCSOURCE(L25W)						Collected : 06/25/2025 12:35
Chromium VI, Dissolved		07/03/2025	11:11	5.00	<0.50 - H1, RL1	µg/L	0.1	EPA 7199 & SM 3500 Cr-C
pH, Water Temperature		06/27/2025	14:08		20.1	°C		
pH, Water		06/27/2025	14:08		8.19 - H1	S.U.	0.01	EPA9040C, EPA150.1
Total Metals, Aqueous - Arsenic		07/07/2025	13:49	10.00	2.78	µg/L	0.100	EPA3010A&3005A
Total Metals, Aqueous - Barium		07/07/2025	13:49	100.00	20268.34	µg/L	0.283	EPA3010A&3005A
Total Metals, Aqueous - Cadmium		07/07/2025	13:49	10.00	<0.25	µg/L	0.250	EPA3010A&3005A
Total Metals, Aqueous - Copper		07/07/2025	13:49	10.00	<20.00 - RL1	µg/L	20.00	EPA3010A&3005A
Total Metals, Aqueous - Lead		07/07/2025	13:49	10.00	<0.25	µg/L	0.250	EPA3010A&3005A
Total Metals, Aqueous - Nickel		07/07/2025	13:49	10.00	6.02	µg/L	0.250	EPA3010A&3005A
Total Metals, Aqueous - Selenium		07/07/2025	13:49	10.00	<9.85 - RL1	µg/L	9.85	EPA3010A&3005A
Total Metals, Aqueous - Silver		07/07/2025	13:49	10.00	<0.10	µg/L	0.100	EPA3010A&3005A
Total Metals, Aqueous - Zinc		07/07/2025	13:49	10.00	<100.00 - RL1	µg/L	100.00	EPA3010A&3005A



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Report Date : 7/8/2025

Report Time : 17:11

Project Manager: Blair Rollins

Project Name: L25W

Project Number: n/a

## QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
CHROM_VI DISS_IC-9696										
DUP	AA25714	<0.50	0.1	µg/L						
Matrix Spike	AA25714	4.58		µg/L	5.00		91.6	75 - 125		
MB	AA25777	0.03		µg/L						
LCS	AA25778	1.05		µg/L	1.00		105	90 - 110		
LCS	AA25779	1.06		µg/L	1.00		106	90 - 110		
PH_W-9719										
DUP	AA25343	8.03	0.01	S.U.					<%MDL%	-5 - 5
LCS	AA25822	6.84	0.01	S.U.	6.86		99.7	95 - 105		
LCS	AA25823	6.86	0.01	S.U.	6.86		100	95 - 105		



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## QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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### METALS\_W-9776

#### AA25979

Dup	Arsenic	107.92	0.000	µg/L		<0.20			1.43	0 - 15
Dup	Uranium	110.87	0.000	µg/L		<0.10			0.244	0 - 15
Matrix Spike	Arsenic	109.47	0.000	µg/L	100	<0.20	109.4700	80 - 120		
Matrix Spike	Uranium	110.60	0.000	µg/L	100	<0.10	110.600	80 - 120		

#### AA26049

MB	Aluminum	0.99		µg/L						
MB	Antimony	0.00		µg/L						
MB	Arsenic	0.01		µg/L						
MB	Barium	0.04		µg/L						
MB	Beryllium	-0.03		µg/L						
MB	Boron	-0.58		µg/L						
MB	Cadmium	0.00		µg/L						
MB	Calcium	18.71		µg/L						
MB	Chromium	-0.01		µg/L						
MB	Cobalt	0.00		µg/L						
MB	Copper	1.48		µg/L						
MB	Iron	0.66		µg/L						
MB	Lead	0.03		µg/L						
MB	Magnesium	2.61		µg/L						
MB	Manganese	0.05		µg/L						
MB	Mercury	0.02		µg/L						
MB	Molybdenum	0.02		µg/L						
MB	Nickel	0.02		µg/L						
MB	Phosphorous	1.92		µg/L						
MB	Potassium	7.87		µg/L						
MB	Selenium	0.10		µg/L						
MB	Silver	0.00		µg/L						
MB	Sodium	9.99		µg/L						
MB	Strontium	0.03		µg/L						
MB	Thallium	0.18		µg/L						
MB	Uranium	0.00		µg/L						
MB	Vanadium	-0.06		µg/L						
MB	Zinc	0.77		µg/L						

#### AA26051

LCS	Aluminum	78.41	10.000	µg/L			87.1	80 - 120		
LCS	Antimony	93.21	0.050	µg/L			104	80 - 120		
LCS	Arsenic	89.79	0.100	µg/L			99.8	80 - 120		
LCS	Barium	82.92	0.025	µg/L			92.1	80 - 120		
LCS	Beryllium	92.02	0.100	µg/L			102	80 - 120		
LCS	Boron	92.66	25.000	µg/L			103	80 - 120		
LCS	Cadmium	95.80	0.050	µg/L			106	80 - 120		
LCS	Calcium	907.10	25.000	µg/L			101	80 - 120		
LCS	Chromium	78.53	0.050	µg/L			87.3	80 - 120		
LCS	Cobalt	96.70	0.025	µg/L			107	80 - 120		



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Project Number: n/a

## QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Copper	97.12	0.250	µg/L			108	80 - 120		
LCS	Iron	87.33	20.000	µg/L			97.0	80 - 120		
LCS	Lead	94.28	0.100	µg/L			105	80 - 120		
LCS	Magnesium	85.79	25.000	µg/L			95.3	80 - 120		
LCS	Manganese	89.63	0.050	µg/L			99.6	80 - 120		
LCS	Mercury	82.08	0.100	µg/L			91.2	80 - 120		
LCS	Molybdenum	81.03	0.250	µg/L			90.0	80 - 120		
LCS	Nickel	89.90	0.250	µg/L			99.9	80 - 120		
LCS	Phosphorous	78.69	10.000	µg/L			87.4	80 - 120		
LCS	Potassium	87.51	25.000	µg/L			97.2	80 - 120		
LCS	Selenium	94.72	1.000	µg/L			105	80 - 120		
LCS	Silver	99.64	0.025	µg/L			111	80 - 120		
LCS	Sodium	80.14	25.000	µg/L			89.0	80 - 120		
LCS	Strontium	92.13	0.025	µg/L			102	80 - 120		
LCS	Thallium	93.62	0.250	µg/L			104	80 - 120		
LCS	Uranium	92.80	0.025	µg/L			103	80 - 120		
LCS	Vanadium	96.36	0.100	µg/L			107	80 - 120		
LCS	Zinc	99.25	10.000	µg/L			110	80 - 120		

## AA26052

LCS	Aluminum	82.58	10.000	µg/L			91.8	80 - 120		
LCS	Antimony	92.22	0.050	µg/L			102	80 - 120		
LCS	Arsenic	89.22	0.100	µg/L			99.1	80 - 120		
LCS	Barium	94.34	0.025	µg/L			105	80 - 120		
LCS	Beryllium	100.31	0.100	µg/L			111	80 - 120		
LCS	Boron	99.84	25.000	µg/L			111	80 - 120		
LCS	Cadmium	96.01	0.050	µg/L			107	80 - 120		
LCS	Calcium	939.05	25.000	µg/L			104	80 - 120		
LCS	Chromium	82.28	0.050	µg/L			91.4	80 - 120		
LCS	Cobalt	99.72	0.025	µg/L			111	80 - 120		
LCS	Copper	100.21	0.250	µg/L			111	80 - 120		
LCS	Iron	91.54	20.000	µg/L			102	80 - 120		
LCS	Lead	92.61	0.100	µg/L			103	80 - 120		
LCS	Magnesium	93.89	25.000	µg/L			104	80 - 120		
LCS	Manganese	93.32	0.050	µg/L			104	80 - 120		
LCS	Mercury	88.43	0.100	µg/L			98.3	80 - 120		
LCS	Molybdenum	92.76	0.250	µg/L			103	80 - 120		
LCS	Nickel	92.36	0.250	µg/L			103	80 - 120		
LCS	Phosphorous	95.45	10.000	µg/L			106	80 - 120		
LCS	Potassium	93.08	25.000	µg/L			103	80 - 120		
LCS	Selenium	96.06	1.000	µg/L			107	80 - 120		
LCS	Silver	97.53	0.025	µg/L			108	80 - 120		
LCS	Sodium	87.00	25.000	µg/L			96.7	80 - 120		
LCS	Strontium	92.30	0.025	µg/L			103	80 - 120		
LCS	Thallium	86.99	0.250	µg/L			96.7	80 - 120		
LCS	Uranium	90.64	0.025	µg/L			101	80 - 120		
LCS	Vanadium	99.88	0.100	µg/L			111	80 - 120		
LCS	Zinc	101.18	10.000	µg/L			112	80 - 120		

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Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery

QualifierExplanation

H1	Sample received outside of regulatory holding time.
H2	Sample analyzed outside of regulatory holding time due to a laboratory error.
P1	Sample received outside temperature requirements, 0-6°C.
P2	Sample received unpreserved.
P3	Broken or leaking sample container.
P4	Sample improperly collected
P5	Sample incorrectly preserved
B1	Blank failed high, indicating possible high bias in sample results.
B2	Blank failed low, indicating possible low bias in sample results.
MS	Matrix Spike / Matrix Spike Duplicate recovery and/or RPD limit exceeded, indicating potential matrix interference.
D1	Duplicate RPD limit exceeded due to low sample concentration.
D2	Duplicate RPD limit exceeded due to matrix interference.
S	Surrogate recovery failed, indicating potential matrix interference.
RL1	Reporting limits raised due to matrix interference.
RL2	Reporting limits raised due to limited sample.
U	Sample result less than method detection limit.
J	Sample result less than reporting limit but higher than method detection limit.
EST	The concentration indicated has been estimated due to high analyte content.
E	Electronic loss or corruption of data.
I	Subcontracted sample