



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

April 20, 2025

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

Project Manager : Andrew Verbonitz

Project Name : H7A Tank Release

Project Number : N/A

Attached are the analytical results for H7A Tank Release N/A received by Elevation Diagnostics, Division of Environmental Testing on April 08, 2025. This is associated with Elevation's number AA20572 .

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 Operating, LLC
 Address: 143 Diamond Avenue
 City/State/ZIP: Parachute/ Colorado/ 81635
 Phone: (970) 902-3598
 Project Contact: Andrew Verbonitz

Project Name/Number: H7A Tank Release
 Project Location: H7A 696
 Collector Name: Alex Slorby

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested					Interim report requested		
					HCl	HNO ₃	None	Other	Water	Soil	Other	EC, SAR, pH	915-1 Metals	Boron (Hot Water Soluble)	CR6IC	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
1	20250407-LMBG-(H07A 696-E01)@8	4/7/2025	1045	3						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
2	20250407-LMBG-(H07A 696-E02)@8	4/7/2025	1110	3						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
3	20250407-LMBG-(H07A 696-E03)@3	4/7/2025	1125	3						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
4	20250407-LMBG-(H07A 696-E04)@2	4/7/2025	1140	3						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
5																			
6																			
7																			
8																			
9																			
10																			

Relinquished By: <u>Alex Slorby</u> Date/Time: <u>4/7/2025 1630</u>	Relinquished By: _____ Date/Time: _____	Relinquished By: _____ Date/Time: _____	Scan to Deliver Samples
Lab Use Only Observed Temperature Upon Receipt: <u>1.9°C</u> Corrected Temperature Upon Receipt: <u>3.2°C</u> Thermometer #: <u>EDXEQ238</u> Correction Factor: <u>+1.3°C</u>	Samples Intact: <u>Yes</u> No pH Checked: Yes <u>No</u> pH Adjusted: Yes <u>No</u> PFAS rec'd on ice: Yes No <u>N/A</u> Name/Lot Number of Adjustment: _____	Lot/EQM Number: <u>2025-04-08-002</u>	

EFOR-008.005



Division of Environmental Testing

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Report Date : 4/20/2025

Report Time : 14:18

FINAL RESULTS REPORT

Project Manager: Andrew Verbonitz

Project Name: H7A Tank Release

Project Number: N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.	
Analyte Name		Analysis Start					Recovery	
AA20572-1	20250407-LMBG-(H07A 696 E01)@8	Collected : 04/07/2025	10:45					
EC & pH soil by saturated paste - EC, soil		04/15/2025	14:18	10.00	mmhos	0.0005	USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH soil Temperature		04/15/2025	14:18	21.7	°C		USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH, soil		04/15/2025	14:18	8.04	SU	0.01	USDA 60/EPA 9045	
SAR Saturated Paste - Calcium		04/16/2025	10:06	10.00	27.95	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		04/16/2025	10:06	10.00	28.86	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		04/16/2025	10:06	10.00	82.41	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		04/16/2025	10:06	10.00	15.46	No Unit		EPA 6020B
AA20572-2	20250407-LMBG-(H07A 696 E01)@8	Collected : 04/07/2025	10:45					
Hot Water Soluble Boron		04/13/2025	16:27	0.41	mg/kg	0.050	Boron Hot Water Extraction	
AA20572-3	20250407-LMBG-(H07A 696 E01)@8	Collected : 04/07/2025	10:45					
Chromium VI, Soil		04/11/2025	12:24	<0.08 - MS	mg/kg	0.080	EPA 7199	
Total Metals, Soils - Arsenic		04/15/2025	20:18	10.00	22.30	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		04/15/2025	20:18	10.00	270.48	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		04/15/2025	20:18	10.00	0.49	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		04/15/2025	20:18	10.00	18.47	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		04/15/2025	20:18	10.00	14.60	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		04/15/2025	20:18	10.00	17.10	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		04/15/2025	20:18	10.00	2.94	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		04/15/2025	20:18	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		04/15/2025	20:18	10.00	78.09	mg/kg	0.025	EPA 6020B
AA20573-1	20250407-LMBG-(H07A 696 E02)@8	Collected : 04/07/2025	11:10					
EC & pH soil by saturated paste - EC, soil		04/15/2025	14:18	0.85	mmhos	0.0005	USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH soil Temperature		04/15/2025	14:18	21.8	°C		USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH, soil		04/15/2025	14:18	8.13	SU	0.01	USDA 60/EPA 9045	
SAR Saturated Paste - Calcium		04/16/2025	10:06	10.00	3.69	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		04/16/2025	10:06	10.00	2.83	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		04/16/2025	10:06	10.00	1.07	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		04/16/2025	10:06	10.00	0.59	No Unit		EPA 6020B
AA20573-2	20250407-LMBG-(H07A 696 E02)@8	Collected : 04/07/2025	11:10					
Hot Water Soluble Boron		04/13/2025	16:27	0.36	mg/kg	0.050	Boron Hot Water Extraction	
AA20573-3	20250407-LMBG-(H07A 696 E02)@8	Collected : 04/07/2025	11:10					
Chromium VI, Soil		04/11/2025	12:34	<0.08	mg/kg	0.080	EPA 7199	
Total Metals, Soils - Arsenic		04/15/2025	20:18	10.00	16.25	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		04/15/2025	20:18	10.00	336.01	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		04/15/2025	20:18	10.00	0.58	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		04/15/2025	20:18	10.00	21.25	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		04/15/2025	20:18	10.00	15.27	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		04/15/2025	20:18	10.00	18.36	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		04/15/2025	20:18	10.00	3.45	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		04/15/2025	20:18	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		04/15/2025	20:18	10.00	85.37	mg/kg	0.025	EPA 6020B



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FINAL RESULTS REPORT

Project Manager: Andrew Verbonitz

Project Name: H7A Tank Release

Project Number: N/A

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

AA20574-1	20250407-LMBG-(H07A 696 E03)@3	Collected : 04/07/2025	11:25					
EC & pH soil by saturated paste - EC, soil		04/15/2025	14:18	8.34	mmhos	0.0005	USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH soil Temperature		04/15/2025	14:18	21.8	°C		USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH, soil		04/15/2025	14:18	7.86	SU	0.01	USDA 60/EPA 9045	
SAR Saturated Paste - Calcium		04/16/2025	10:06	10.00	28.37	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		04/16/2025	10:06	10.00	33.63	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		04/16/2025	10:06	10.00	50.65	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		04/16/2025	10:06	10.00	9.10	No Unit		EPA 6020B

AA20574-2	20250407-LMBG-(H07A 696 E03)@3	Collected : 04/07/2025	11:25				
Hot Water Soluble Boron		04/13/2025	16:27	0.35	mg/kg	0.050	Boron Hot Water Extraction

AA20574-3	20250407-LMBG-(H07A 696 E03)@3	Collected : 04/07/2025	11:25					
Chromium VI, Soil		04/11/2025	12:34	<0.08	mg/kg	0.080	EPA 7199	
Total Metals, Soils - Arsenic		04/15/2025	20:18	10.00	17.28	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		04/15/2025	20:18	10.00	286.18	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		04/15/2025	20:18	10.00	0.51	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		04/15/2025	20:18	10.00	22.48	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		04/15/2025	20:18	10.00	15.05	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		04/15/2025	20:18	10.00	17.40	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		04/15/2025	20:18	10.00	3.63	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		04/15/2025	20:18	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		04/15/2025	20:18	10.00	78.49	mg/kg	0.025	EPA 6020B

AA20575-1	20250407-LMBG-(H07A 696 E04)@2	Collected : 04/07/2025	11:40					
EC & pH soil by saturated paste - EC, soil		04/15/2025	14:18	0.96	mmhos	0.0005	USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH soil Temperature		04/15/2025	14:18	21.8	°C		USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH, soil		04/15/2025	14:18	8.02	SU	0.01	USDA 60/EPA 9045	
SAR Saturated Paste - Calcium		04/16/2025	10:06	10.00	4.62	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		04/16/2025	10:06	10.00	2.25	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		04/16/2025	10:06	10.00	2.07	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		04/16/2025	10:06	10.00	1.12	No Unit		EPA 6020B

AA20575-2	20250407-LMBG-(H07A 696 E04)@2	Collected : 04/07/2025	11:40				
Hot Water Soluble Boron		04/13/2025	16:27	0.23	mg/kg	0.050	Boron Hot Water Extraction

AA20575-3	20250407-LMBG-(H07A 696 E04)@2	Collected : 04/07/2025	11:40					
Chromium VI, Soil		04/11/2025	12:34	<0.08	mg/kg	0.080	EPA 7199	
Total Metals, Soils - Arsenic		04/15/2025	20:18	10.00	12.32	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		04/15/2025	20:18	10.00	283.42	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		04/15/2025	20:18	10.00	0.48	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		04/15/2025	20:18	10.00	18.95	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		04/15/2025	20:18	10.00	12.48	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		04/15/2025	20:18	10.00	16.72	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		04/15/2025	20:18	10.00	3.35	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		04/15/2025	20:18	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B



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800-440-5184

Report Date : 4/20/2025

Report Time : 14:18

FINAL RESULTS REPORT

Project Manager: Andrew Verbonitz

Project Name: H7A Tank Release

Project Number: N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name	Analysis Start	Recovery					
Total Metals, Soils - Zinc		04/15/2025 20:18	10.00	70.01	mg/kg	0.025	EPA 6020B



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FINAL RESULTS REPORT

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Project Manager: Andrew Verbonitz

Project Name: H7A Tank Release

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-7990										
DUP	AA20322	0.19	0.050	mg/kg					10.000	-15 - 15
DUP	AA20379	0.06	0.050	mg/kg					<%MDL%	-15 - 15
DUP	AA20483	0.13	0.050	mg/kg					7.4074	-15 - 15
MB	AA20583	0.01		mg/kg						
LCS	AA20584	7.57		mg/kg	9.00		84.1	80 - 120		
LCS	AA20585	9.24		mg/kg	9.00		103	80 - 120		
CHROM_VI_SOIL-7991										
DUP	AA20572	<0.08	0.080	mg/kg						
MB	AA20586	0.01		mg/kg						
LCS	AA20588	0.41		mg/kg	0.40		102	90 - 110		
LCS	AA20589	0.41		mg/kg	0.40		102	90 - 110		



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Project Name: H7A Tank Release

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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EC PH-8091

AA20410

Dup	EC, soil	1.85	0.0005	mmhos		1.83			1.09	- 5
Dup	pH soil Temperature	21.7		°C		8.43				
Dup	pH, soil	8.43	0.01	SU		8.40			0.357	- 5

AA20970

LCS	EC, soil	9.98	0.0005	mmhos			99.7	85 - 115		
LCS	pH, soil	6.83	0.01	SU			99.6	85 - 115		

AA20971

LCS	EC, soil	10.24	0.0005	mmhos			102	85 - 115		
LCS	pH, soil	6.80	0.01	SU			99.1	85 - 115		

METALS S-8077

AA20485

Dup	Selenium	3.53	0.025	mg/kg		3.78			6.84	0 - 15
Matrix Spike	Selenium	22.08		mg/kg	20	3.78	91.5	80 - 120		

AA20936

MB	Arsenic	0.00		mg/kg						
MB	Barium	0.00		mg/kg						
MB	Cadmium	0.00		mg/kg						
MB	Copper	0.00		mg/kg						
MB	Lead	0.00		mg/kg						
MB	Nickel	0.00		mg/kg						
MB	Selenium	0.00		mg/kg						
MB	Silver	0.00		mg/kg						
MB	Zinc	0.00		mg/kg						

AA20938

LCS	Arsenic	0.11		mg/kg			110	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.10		mg/kg			100	80 - 120		
LCS	Copper	0.20		mg/kg			100	80 - 120		
LCS	Lead	0.10		mg/kg			100	80 - 120		
LCS	Nickel	0.20		mg/kg			100	80 - 120		
LCS	Selenium	0.11		mg/kg			110	80 - 120		
LCS	Silver	0.09		mg/kg			100	80 - 120		
LCS	Zinc	0.22		mg/kg			110	80 - 120		

AA20939

LCS	Arsenic	0.11		mg/kg			110	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.10		mg/kg			100	80 - 120		
LCS	Copper	0.20		mg/kg			100	80 - 120		
LCS	Lead	0.10		mg/kg			100	80 - 120		
LCS	Nickel	0.20		mg/kg			100	80 - 120		
LCS	Selenium	0.11		mg/kg			110	80 - 120		
LCS	Silver	0.09		mg/kg			100	80 - 120		
LCS	Zinc	0.21		mg/kg			105	80 - 120		



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QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
SAR-8099										
AA20410										
Dup	Calcium	1.17		mEq/L	4.37	1.12			4.37	-20
Dup	Magnesium	<0.82		mEq/L	<0.82	<0.82				
Dup	Sodium	13.07		mEq/L	6.97	12.19			6.97	-20
Dup	Sodium Adsorption Ratio	5.41		mEq/L	4.85	14.68			4.85	-20
AA21030										
MB	Calcium	0.00		mEq/L						
MB	Magnesium	0.00		mEq/L						
MB	Sodium	0.00		mEq/L						
MB	Sodium Adsorption Ratio	0.00								
AA21031										
LCS	Calcium	10.81		ppm			108	80 - 120		
LCS	Magnesium	10.83		ppm			108	80 - 120		
LCS	Sodium	10.51		ppm			105	80 - 120		
LCS	Sodium Adsorption Ratio	0.54		ppm			100	80 - 120		
AA21032										
LCS	Calcium	587.22		ppm			117	80 - 120		
LCS	Magnesium	588.63		ppm			118	80 - 120		
LCS	Sodium	581.21		ppm			116	80 - 120		
LCS	Sodium Adsorption Ratio	4.05		ppm			107	80 - 120		

<u>Qualifier</u>	<u>Explanation</u>
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.
E	Electronic loss or corruption of data.
I	Subcontracted sample