

FOUNDATION ENERGY INC.
ALLARD 30-8-5 (North) Former Well Jack Area and
ALLARD 30-8-5 (South) Former Treater/Battery Area

FORM 27 SUPPLEMENTAL
SECOND QUARTER 2022 GROUNDWATER MONITORING SUMMARY REPORT

ATTACHMENTS

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- 2 Second Quarter 2022 Groundwater Analytical Results
- 3 Historical Groundwater Analytical Results

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- 6 Allard 30-8-5 North Former Well Jack Area Groundwater Sample Analytical Map

Attachments

- A Summit Scientific Laboratory Reports:
-2205220 (Groundwater)

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA
FOUNDATION ENERGY - ALLARD 30-8-5
JACKSON COUNTY, COLORADO

Location	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (feet amsl)	Change in Groundwater Elevation Since Previous Event (1) (feet)
MW01	2/18/2022	8.21	-	-	9.31	7,949.31	7,941.10	-0.32
MW01	3/9/2022	8.00	-	-	9.31	7,949.31	7,941.31	0.21
MW01	4/20/2022	3.76	-	-	9.31	7,949.31	7,945.55	4.24
MW01	5/13/2022	5.30	-	-	9.31	7,949.31	7,944.01	-1.54
MW02	2/18/2022	7.98	-	-	8.91	7,949.43	7,941.45	-0.47
MW02	3/9/2022	7.86	-	-	8.91	7,949.43	7,941.57	0.12
MW02	4/20/2022	4.25	-	-	8.91	7,949.43	7,945.18	3.61
MW02	5/13/2022	3.85	-	-	8.91	7,949.43	7,945.58	0.40
MW03	2/18/2022	9.06	-	-	10.96	7,950.22	7,941.16	-0.45
MW03	3/9/2022	8.87	-	-	10.96	7,950.22	7,941.35	0.19
MW03	4/20/2022	6.21	-	-	10.96	7,950.22	7,944.01	2.66
MW03	5/13/2022	5.82	-	-	10.96	7,950.22	7,944.40	0.39
MW04	2/18/2022	DRY	-	-	6.43	7,948.97	NA	NC
MW04	3/9/2022	DRY	-	-	6.43	7,948.97	NA	NC
MW04	4/20/2022	6.30	-	-	6.43	7,948.97	7,942.67	NC
MW04	5/13/2022	6.00	-	-	6.43	7,948.97	7,942.97	0.30
MW05	2/18/2022	8.58	-	-	9.05	7,950.07	7,941.49	-0.40
MW05	3/9/2022	5.85	-	-	9.05	7,950.07	7,944.22	2.73
MW05	4/20/2022	4.87	-	-	9.05	7,950.07	7,945.20	0.98
MW05	5/13/2022	4.36	-	-	9.05	7,950.07	7,945.71	0.51
MW06	2/18/2022	6.05	-	-	9.02	7,944.76	7,938.71	-0.38
MW06	3/9/2022	5.85	-	-	9.02	7,944.76	7,938.91	0.20
MW06	4/20/2022	3.88	-	-	9.02	7,944.76	7,940.88	1.97
MW06	5/13/2022	3.98	-	-	9.02	7,944.76	7,940.78	-0.10
MW07	2/18/2022	6.72	-	-	8.69	7,944.85	7,938.13	-0.39
MW07	3/9/2022	6.52	-	-	8.69	7,944.85	7,938.33	0.20
MW07	4/20/2022	NM	-	-	8.69	7,944.85	NM	NM
MW07	5/13/2022	5.28	-	-	8.69	7,944.85	7,939.57	NC
MW08	2/18/2022	6.60	-	-	9.18	7,945.16	7,938.56	-0.30
MW08	3/9/2022	6.32	-	-	9.18	7,945.16	7,938.84	0.28
MW08	4/20/2022	NM	-	-	9.18	7,945.16	NM	NM
MW08	5/13/2022	4.78	-	-	9.18	7,945.16	7,940.38	NC
MW09	2/18/2022	Damaged	-	-	10.01	7,946.19	NM	NM
MW09	3/9/2022	Damaged	-	-	10.01	7,946.19	NM	NM
MW09	4/20/2022	Damaged	-	-	10.01	7,946.19	NM	NM
MW09	5/13/2022	Damaged	-	-	10.01	7,946.19	NM	NM
Average Change in Groundwater Elevation (2/18/2022 - 5/13/2022)								2.83

Notes:

during the most recent monitoring event.

amsl = feet above mean sea level

TOC = top of casing

Groundwater elevation = (TOC Elevation - Measured Depth to Water) + (LNAPL Thickness in Well * LNAPL Relative Density)

LNAPL relative density was assumed to be approximately 0.75

NM = Not Measured

* Well stick up heights modified after sampling event, before survey

NC =Not calculated

TABLE 2
SECOND QUARTER 2022 GROUNDWATER ANALYTICAL RESULTS
FOUNDATION ENERGY ALLARD 30-8-5
JACKSON COUNTY, COLORADO

Location Identification	Sample Date	Lab Report	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)		Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)		Comments
COGCC Standards (µg/L) ⁽¹⁾			5	560	700	1,400	67	67	140		(<1.25 x local background)	(250 mg/l or <1.25 x local background)	(250 mg/l or <1.25 x local background)		
Allard South (Former Battery and Treater Area)															
MW01	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		1,300	58.2	136		
MW02	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		323	4.70	43.1		Upgradient background location
MW03	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		354	8.88	21.0		
MW04	5/13/2022	2205220	1.7	<1.0	<1.0	33	31	6.5	26		NS	NS	NS		Insufficient Water Column for Inorganics
MW05	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		368	5.86	49.9		
SW01	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		246	4.01	35.2		Surface water sample
Allard North (Former Well Jack Area)															
MW06	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		255	3.63	25.7		
MW07	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		285	4.27	29.1		
MW08	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		526	18.6	39.0		
MW09	5/13/2022	NA	NS	NS	NS	NS	NS	NS	NS		NS	NS	NS		Not Sampled - Well Damaged
SW02	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		280	5.89	60.3		Surface water sample

Notes:
1). The environmental cleanup standards for groundwater that are applicable to this site are the Colorado Oil and Gas Conservation Commission (COGCC) standards for contaminants in groundwater according to Table 915-1 of the COGCC 900 Series Rule for E&P Waste Management.
2). Standards are taken from the Colorado Department of Public Health and Environment - Water Quality Control Commission, 5 CCR 1002-41, Table A - Groundwater Organic Chemical Standards.
Bold values indicate an exceedance of the COGCC groundwater standards for the Site.

µg/L = micrograms per liter.
mg/L = milligrams per liter.
NS = Not Sampled
NA = Not Applicable

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FOUNDATION ENERGY ALLARD 30-8-5
JACKSON COUNTY, COLORADO

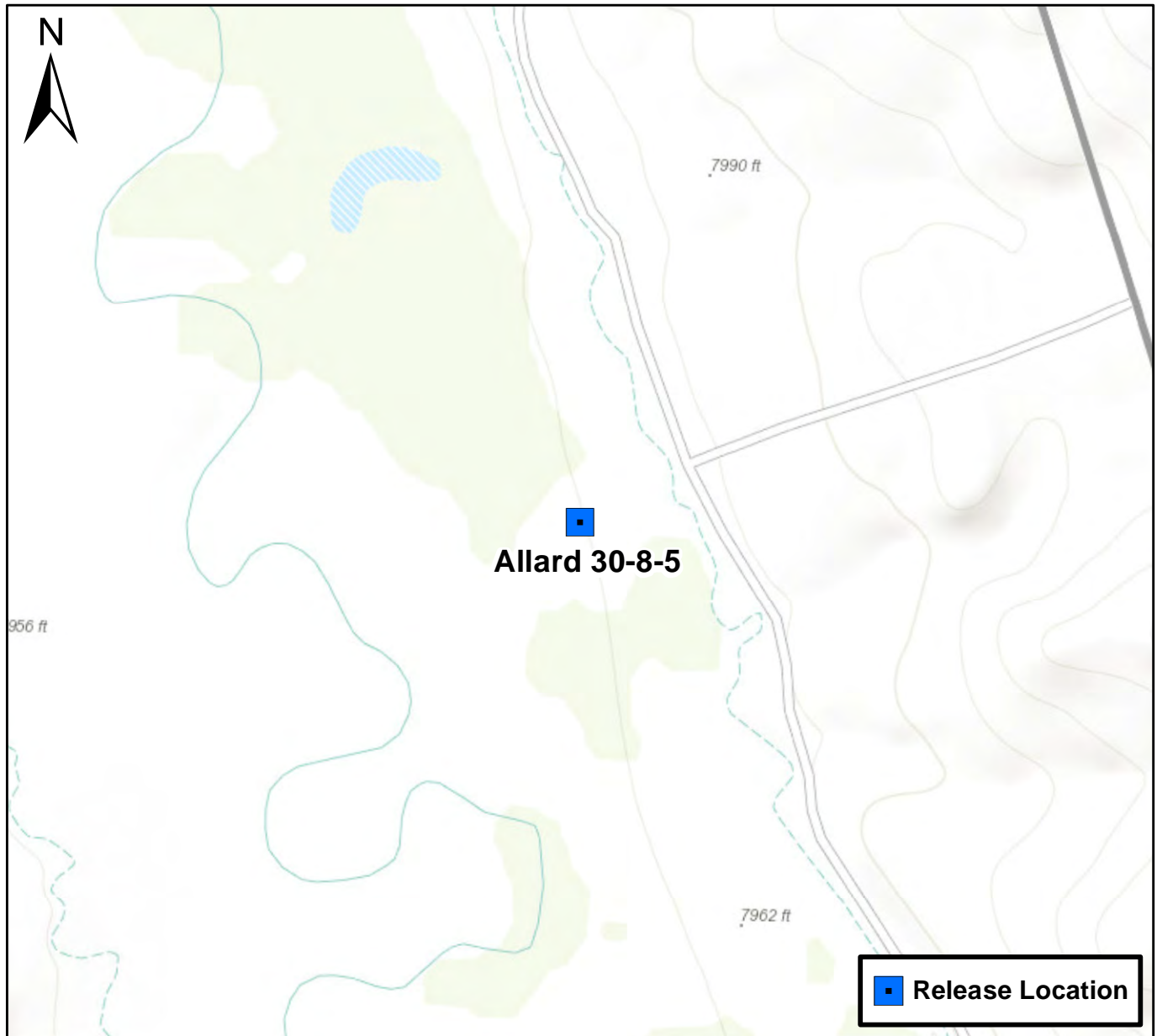
Location Identification	Sample Date	Lab Report	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Comments
COGCC Standards (µg/L) ⁽¹⁾			5	560	700	1,400	67	67	140	(<1.25 x local background)	(250 mg/l or <1.25 x local background)	(250 mg/l or <1.25 x local background)	
Allard South (Former Battery and Treater Area)													
MW01	5/20/2021	2105346	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	727	64.2	134	
MW01	8/24/2021	2108336	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW01	11/16/2021	2111297	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW01	2/18/2022	2202254	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW01	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,300	58.2	136	
MW02	5/20/2021	2105346	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	342	15.2	84.0	Upgradient background well
MW02	8/24/2021	2108336	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	Upgradient background well
MW02	11/16/2021	2111297	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	Upgradient background well
MW02	2/18/2022	2202254	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	Upgradient background well
MW02	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	323	4.70	43.1	Upgradient background well
MW03	5/20/2021	2105346	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	317	14.4	107	
MW03	8/24/2021	2108336	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW03	11/16/2021	2111297	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW03	2/18/2022	2202254	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW03	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	354	8.88	21.0	
MW04	5/20/2021	2105346	<1.0	<1.0	<1.0	<2.0	<1.0	3.8	<1.0	346	10.2	83.4	
MW04	8/24/2021	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled - Dry
MW04	11/16/2021	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled - Dry
MW04	2/18/2022	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled - Dry
MW04	5/13/2022	2205220	1.7	<1.0	<1.0	33	31	6.5	26	NS	NS	NS	Insufficient Water Column for Inorganics
MW05	5/20/2021	2105346	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	317	21.6	67.8	
MW05	8/24/2021	2108336	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW05	11/16/2021	2111297	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW05	2/18/2022	2202254	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW05	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	368	5.86	49.9	
SW01	5/20/2021	2105347	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	Surface water sample
SW01	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	246	4.01	35.2	Surface water sample
Allard North (Former Well Jack Area)													
MW06	5/20/2021	2105346	1.5	<1.0	<1.0	27.0	7.1	25.0	3.7	278	20.2	71.8	
MW06	8/24/2021	2108336	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW06	11/16/2021	2111297	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW06	2/18/2022	2202254	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW06	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	255	3.63	25.7	
MW07	5/20/2021	2105346	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	408	2.00	208	
MW07	8/24/2021	2108336	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW07	11/16/2021	2111297	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW07	2/18/2022	2202254	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW07	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	285	4.27	29.1	
MW08	5/20/2021	2105346	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	206	19.0	60.4	
MW08	8/24/2021	2108336	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW08	11/16/2021	2111297	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW08	2/18/2022	2202254	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	
MW08	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	526	18.6	39.0	
MW09	5/20/2021	2105346	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	308	18.6	117	Upgradient background well
MW09	8/24/2021	2108336	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	Upgradient background well
MW09	11/16/2021	2111297	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NS	NS	NS	Upgradient background well
MW09	2/18/2022	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled - well damaged
MW09	5/13/2022	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled - well damaged
SW02	5/13/2022	2205220	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	280	5.89	60.3	Surface water sample

Notes:

1). The environmental cleanup standards for groundwater that are applicable to this site are the Colorado Oil and Gas Conservation Commission (COGCC) standards for contaminants in groundwater according to Table 915-1 of the COGCC 900 Series Rule for E&P Waste Management.

2). Standards are taken from the Colorado Department of Public Health and Environment - Water Quality Control Commission, 5 CCR 1002-41, Table A - Groundwater Organic Chemical Standards.

Bold values indicate an exceedance of the COGCC groundwater standards for the Site.




0 750 1,500 Feet

Figure 1

Site Location Map
Allard 30-8-5
SENE S30 T10N R79W
Jackson County, Colorado





DATE: March 2022	 Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	Foundation Energy Inc. Allard 30-8-5 SENE, Section 30, Township 10 North, Range 79 South Jackson County, Colorado	Site Overview Map	Figure 2
DESIGNED BY: B. Humphrey				
DRAWN BY: J. Clonts				





DATE:	July 2022
DESIGNED BY:	J. Watts
DRAWN BY:	L. Reed



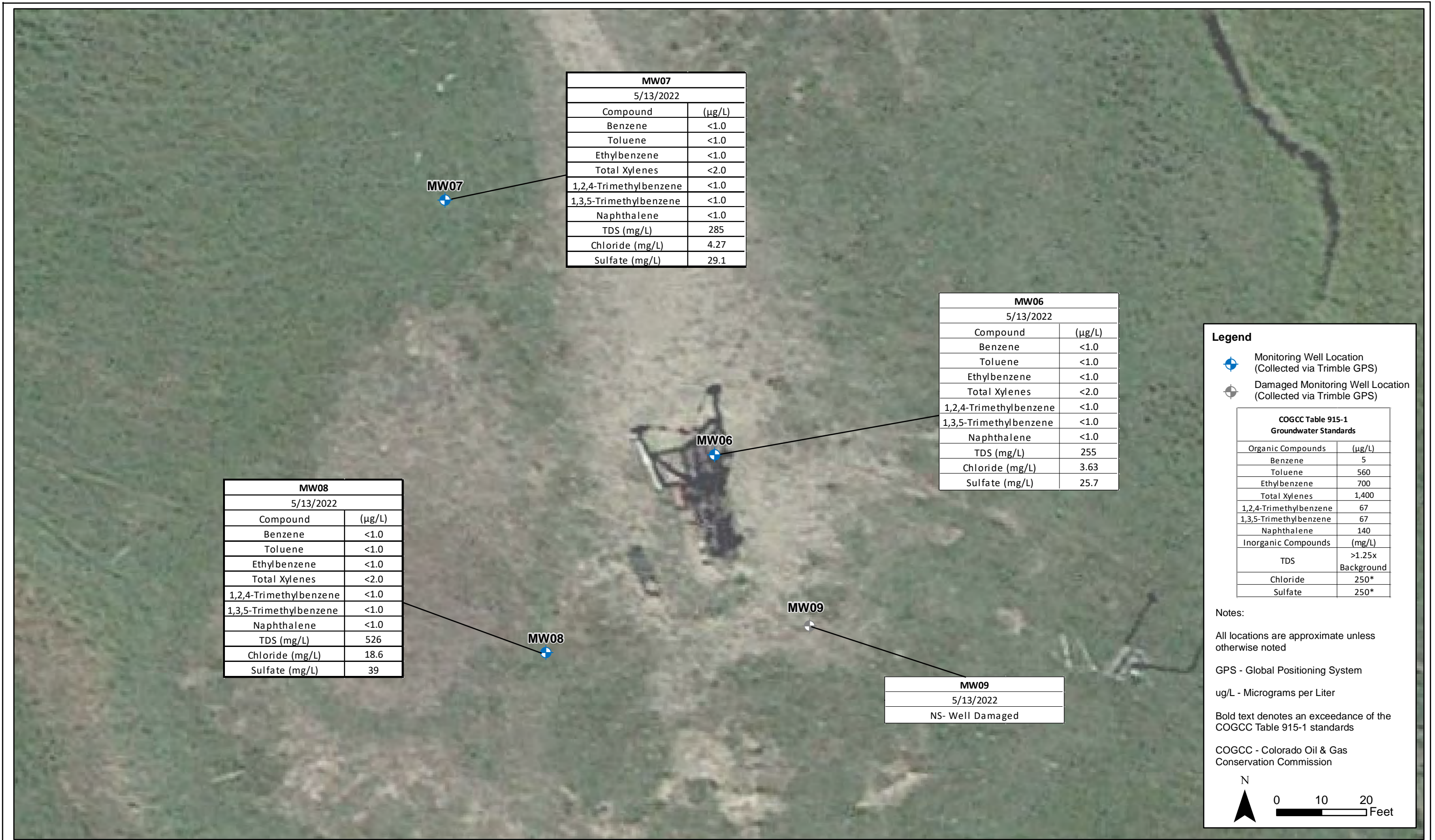
Tasman, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

Foundation Energy Inc.
Allard 30-8-5 North
SENE, Section 30, Township 10 North, Range 79 South
Jackson County, Colorado

Groundwater Elevation
Contour Map
(May 13, 2022)

Figure
4





DATE:	July 2022
DESIGNED BY:	J. Watts
DRAWN BY:	L. Reed



Tasman, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

Foundation Energy Inc.
Allard 30-8-5 North
SENE, Section 30, Township 10 North, Range 79 South
Jackson County, Colorado

Groundwater Analytical
Results Map
(May 13, 2022)

Figure
6

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 23, 2022

Alyssa Beard
Foundation Energy
1801 Broadway, Suite 1500
Denver, CO 80202

RE: Allard 30-8-5

Work Order #2205220

Enclosed are the results of analyses for samples received by Summit Scientific on 05/13/22 17:33. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury
President



Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Alyssa Beard

Reported:
05/23/22 15:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	2205220-01	Water	05/13/22 13:15	05/13/22 17:33
MW02	2205220-02	Water	05/13/22 12:42	05/13/22 17:33
MW03	2205220-03	Water	05/13/22 12:49	05/13/22 17:33
MW04	2205220-04	Water	05/13/22 12:40	05/13/22 17:33
MW05	2205220-05	Water	05/13/22 13:00	05/13/22 17:33
MW06	2205220-06	Water	05/13/22 11:45	05/13/22 17:33
MW07	2205220-07	Water	05/13/22 11:50	05/13/22 17:33
MW08	2205220-08	Water	05/13/22 11:55	05/13/22 17:33
SW01	2205220-09	Water	05/13/22 12:50	05/13/22 17:33
SW02	2205220-10	Water	05/13/22 12:15	05/13/22 17:33

Summit Scientific

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

2205220

303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Project Manager: Jeb Watts/Alyssa Beard
E-Mail: jwatts@tasman-geo.com/abeard@foundationenergy.com / *awatts@tasman-geo.com*
Project Name: Allard 30-8-5
Project Number:

www.s2scientific.com

S₂

Sample Receipt Checklist

S2 Work Order# 2205220Client: Foundation/Tasman Client Project ID: Allard 30-8-5

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other _____ Airbill #: _____

	-			
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Matrix (Check all that apply) Air ☐ Soil/Solid ☐ Water ☒ Other ☐Temp (°C) 3.3 Thermometer # 1

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6 °C ⁽¹⁾ ? NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	-			ON ICE
Were all samples received intact ⁽¹⁾ ?	-			
Was adequate sample volume provided ⁽¹⁾ ?	-			
If custody seals are present, are they intact ⁽¹⁾ ?	-			
Are samples due within 48 hours present?		-		
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen			-	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	-			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	-			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	-			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	-			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.		-		
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc.			-	
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			-	
If dissolved metals are requested, were samples field filtered?			-	
Additional Comments (if any):				
(1) If NO, then contact the client before proceeding with analysis and note in case narrative.				


Custodian Printed Name

51322
Date/Time



Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5
Project Number: [none]
Project Manager: Alyssa Beard

Reported:
05/23/22 15:13

MW01
2205220-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/22 13:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BFE0333	05/16/22	05/17/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/13/22 13:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	17.2	129 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	14.3	107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.5	93.5 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/13/22 13:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chloride	58.2	12.0	mg/L	200	BFE0419	05/19/22	05/19/22	EPA 300.0	
Sulfate	136	60.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/13/22 13:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Total Dissolved Solids	1300	10.0	mg/L	1	BFE0338	05/16/22	05/16/22	SM2540C	

Summit Scientific

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Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Alyssa Beard

Reported:
05/23/22 15:13

MW02
2205220-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/22 12:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFE0333	05/16/22	05/17/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/13/22 12:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	17.4	131 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	14.2	107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.4	93.2 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/13/22 12:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	4.70	0.0600	mg/L	1	BFE0419	05/19/22	05/20/22	EPA 300.0	
Sulfate	43.1	0.300	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/13/22 12:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	323	10.0	mg/L	1	BFE0338	05/16/22	05/16/22	SM2540C	

Summit Scientific

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Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5
Project Number: [none]
Project Manager: Alyssa Beard

Reported:
05/23/22 15:13

MW03
2205220-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/22 12:49**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFE0333	05/16/22	05/17/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/13/22 12:49**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	16.2	122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	14.8	111 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.4	93.4 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/13/22 12:49**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	8.88	0.0600	mg/L	1	BFE0419	05/19/22	05/20/22	EPA 300.0	
Sulfate	21.0	6.00	"	20	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/13/22 12:49**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	354	10.0	mg/L	1	BFE0338	05/16/22	05/16/22	SM2540C	

Summit Scientific

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Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5
Project Number: [none]
Project Manager: Alyssa Beard

Reported:
05/23/22 15:13

MW04
2205220-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/22 12:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	1.7	1.0		ug/l	1	BFE0333	05/16/22	05/17/22	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	33	2.0		"	"	"	"	"	"	
Naphthalene	26	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	31	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	6.5	1.0		"	"	"	"	"	"	

Date Sampled: **05/13/22 12:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	17.0	128 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	14.6	109 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.9	96.5 %		21-167		"	"	"	"	

Summit Scientific

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Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5
Project Number: [none]
Project Manager: Alyssa Beard

Reported:
05/23/22 15:13

MW05
2205220-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/22 13:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BFE0333	05/16/22	05/17/22	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **05/13/22 13:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	16.9	127 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	14.9	111 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.1	90.5 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/13/22 13:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	5.86	0.0600		mg/L	1	BFE0419	05/19/22	05/20/22	EPA 300.0	
Sulfate	49.9	0.300		"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/13/22 13:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	368	10.0		mg/L	1	BFE0338	05/16/22	05/16/22	SM2540C	

Summit Scientific

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Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5
Project Number: [none]
Project Manager: Alyssa Beard

Reported:
05/23/22 15:13

MW06
2205220-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/22 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFE0333	05/16/22	05/17/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/13/22 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	16.3	122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	14.7	110 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.0	90.1 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/13/22 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	3.63	0.0600	mg/L	1	BFE0419	05/19/22	05/20/22	EPA 300.0	
Sulfate	25.7	0.300	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/13/22 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	255	10.0	mg/L	1	BFE0338	05/16/22	05/16/22	SM2540C	

Summit Scientific

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Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Alyssa Beard

Reported:
05/23/22 15:13

MW07
2205220-07 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/22 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFE0333	05/16/22	05/17/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/13/22 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	15.8	118 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	14.4	108 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	11.9	89.4 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/13/22 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	4.27	0.0600	mg/L	1	BFE0419	05/19/22	05/20/22	EPA 300.0	
Sulfate	29.1	0.300	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/13/22 11:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	285	10.0	mg/L	1	BFE0338	05/16/22	05/16/22	SM2540C	

Summit Scientific

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Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5
Project Number: [none]
Project Manager: Alyssa Beard

Reported:
05/23/22 15:13

MW08
2205220-08 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/22 11:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BFE0333	05/16/22	05/17/22	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **05/13/22 11:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	17.9	134 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	14.7	110 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	11.3	84.5 %		21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/13/22 11:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	18.6	12.0		mg/L	200	BFE0419	05/19/22	05/20/22	EPA 300.0	
Sulfate	39.0	6.00		"	20	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/13/22 11:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	526	10.0		mg/L	1	BFE0338	05/16/22	05/16/22	SM2540C	

Summit Scientific

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Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5
Project Number: [none]
Project Manager: Alyssa Beard

Reported:
05/23/22 15:13

SW01
2205220-09 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/22 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFE0333	05/16/22	05/17/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/13/22 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	17.5	131 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	15.1	113 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	11.8	88.7 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/13/22 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	4.01	0.0600	mg/L	1	BFE0419	05/19/22	05/20/22	EPA 300.0	
Sulfate	35.2	0.300	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/13/22 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	246	10.0	mg/L	1	BFE0338	05/16/22	05/16/22	SM2540C	

Summit Scientific

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Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5
Project Number: [none]
Project Manager: Alyssa Beard

Reported:
05/23/22 15:13

SW02
2205220-10 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/13/22 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFE0333	05/16/22	05/17/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/13/22 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4	16.3	122 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	14.3	107 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	11.1	83.3 %	21-167		"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **05/13/22 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Chloride	5.89	0.0600	mg/L	1	BFE0419	05/19/22	05/20/22	EPA 300.0	
Sulfate	60.3	0.300	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

Date Sampled: **05/13/22 12:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Total Dissolved Solids	280	10.0	mg/L	1	BFE0338	05/16/22	05/16/22	SM2540C	

Summit Scientific

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Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Alyssa Beard

Reported:
05/23/22 15:13

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BFE0333 - EPA 5030 Water MS

Blank (BFE0333-BLK1)

Prepared: 05/16/22 Analyzed: 05/17/22

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	2.0	"							
Naphthalene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	17.8		"	13.3		134	23-173			
Surrogate: Toluene-d8	14.7		"	13.3		110	20-170			
Surrogate: 4-Bromofluorobenzene	12.2		"	13.3		91.2	21-167			

LCS (BFE0333-BS1)

Prepared: 05/16/22 Analyzed: 05/17/22

Benzene	33.9	1.0	ug/l	33.3		102	51-132			
Toluene	42.6	1.0	"	33.3		128	51-138			
Ethylbenzene	40.8	1.0	"	33.3		122	58-146			
m,p-Xylene	77.9	2.0	"	66.7		117	57-144			
o-Xylene	43.5	1.0	"	33.3		131	53-146			
Naphthalene	39.3	1.0	"	33.3		118	70-130			
1,2,4-Trimethylbenzene	33.6	1.0	"	33.3		101	70-130			
1,3,5-Trimethylbenzene	42.4	1.0	"	33.3		127	70-130			
Surrogate: 1,2-Dichloroethane-d4	18.7		"	13.3		140	23-173			
Surrogate: Toluene-d8	14.6		"	13.3		109	20-170			
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3		101	21-167			

Matrix Spike (BFE0333-MS1)

Source: 2205221-01

Prepared: 05/16/22 Analyzed: 05/17/22

Benzene	33.8	1.0	ug/l	33.3	ND	102	34-141			
Toluene	42.1	1.0	"	33.3	ND	126	27-151			
Ethylbenzene	41.7	1.0	"	33.3	ND	125	29-160			
m,p-Xylene	79.9	2.0	"	66.7	ND	120	20-166			
o-Xylene	43.8	1.0	"	33.3	ND	131	33-159			
Naphthalene	42.9	1.0	"	33.3	ND	129	70-130			
1,2,4-Trimethylbenzene	33.7	1.0	"	33.3	ND	101	70-130			
1,3,5-Trimethylbenzene	42.8	1.0	"	33.3	ND	128	70-130			
Surrogate: 1,2-Dichloroethane-d4	18.6		"	13.3		140	23-173			
Surrogate: Toluene-d8	14.4		"	13.3		108	20-170			
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3		98.9	21-167			

Summit Scientific

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



Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Alyssa Beard

Reported:
05/23/22 15:13

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BFE0333 - EPA 5030 Water MS

Matrix Spike Dup (BFE0333-MSD1)		Source: 2205221-01			Prepared: 05/16/22 Analyzed: 05/17/22					
Benzene	33.9	1.0	ug/l	33.3	ND	102	34-141	0.207	30	
Toluene	41.5	1.0	"	33.3	ND	124	27-151	1.53	30	
Ethylbenzene	41.0	1.0	"	33.3	ND	123	29-160	1.69	30	
m,p-Xylene	77.7	2.0	"	66.7	ND	117	20-166	2.77	30	
o-Xylene	42.9	1.0	"	33.3	ND	129	33-159	2.08	30	
Naphthalene	35.4	1.0	"	33.3	ND	106	70-130	19.2	30	
1,2,4-Trimethylbenzene	33.9	1.0	"	33.3	ND	102	70-130	0.563	30	
1,3,5-Trimethylbenzene	42.5	1.0	"	33.3	ND	127	70-130	0.727	30	
<hr/>										
Surrogate: 1,2-Dichloroethane-d4	19.5		"	13.3		146	23-173			
Surrogate: Toluene-d8	14.7		"	13.3		110	20-170			
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3		101	21-167			

Summit Scientific

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Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Alyssa Beard

Reported:
05/23/22 15:13

Anions by EPA Method 300.0 - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BFE0419 - General Preparation

Blank (BFE0419-BLK1)

Prepared & Analyzed: 05/19/22

Chloride	ND	0.0600	mg/L
Sulfate	ND	0.300	"

LCS (BFE0419-BS1)

Prepared & Analyzed: 05/19/22

Chloride	2.79	0.0600	mg/L	3.00	92.9	90-110
Sulfate	13.7	0.300	"	15.0	91.5	90-110

Duplicate (BFE0419-DUP1)

Source: 2205220-01

Prepared & Analyzed: 05/19/22

Chloride	58.6	12.0	mg/L	58.2	0.685	20
Sulfate	158	60.0	"	136	15.4	20

Matrix Spike (BFE0419-MS1)

Source: 2205220-01

Prepared & Analyzed: 05/19/22

Chloride	722	12.0	mg/L	600	58.2	111	80-120
Sulfate	3350	60.0	"	3000	136	107	80-120

Summit Scientific

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Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Alyssa Beard

Reported:
05/23/22 15:13

Total Dissolved Solids by SM2540C - Quality Control
Summit Scientific

Analyte	Result	Reporting			Spike	Source	%REC		RPD		
		Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	

Batch BFE0338 - General Preparation

Blank (BFE0338-BLK1)

Prepared & Analyzed: 05/16/22

Total Dissolved Solids ND 10.0 mg/L

Duplicate (BFE0338-DUP1)

Source: 2205220-01

Prepared & Analyzed: 05/16/22

Total Dissolved Solids 1310 10.0 mg/L 1300 0.919 20

Summit Scientific

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



Foundation Energy
1801 Broadway, Suite 1500
Denver CO, 80202

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Alyssa Beard

Reported:
05/23/22 15:13

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference