

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
FIRST QUARTER 2022 GROUNDWATER MONITORING SUMMARY REPORT

ATTACHMENTS

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

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- 7 Allard 30-8-5 South Proposed Surface Water and Excavation Locations
- 8 Allard 30-8-5 North Proposed Surface Water and Excavation Locations

Attachments

- A Summit Scientific Laboratory Reports:
-2202254 (Groundwater)
- B Historical Soil and Groundwater Data

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	11/16/2021	5.88	-	-	9.31	7,949.31	7,943.43	1.19
MW01	12/17/2021	7.11	-	-	9.31	7,949.31	7,942.20	-1.23
MW01	1/18/2022	7.89	-	-	9.31	7,949.31	7,941.42	-0.78
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
MW02	11/16/2021	4.58	-	-	8.91	7,949.43	7,944.85	1.42
MW02	12/17/2021	6.58	-	-	8.91	7,949.43	7,942.85	-2.00
MW02	1/18/2022	7.51	-	-	8.91	7,949.43	7,941.92	-0.93
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
MW03	11/16/2021	6.59	-	-	10.96	7,950.22	7,943.63	0.98
MW03	12/17/2021	7.86	-	-	10.96	7,950.22	7,942.36	-1.27
MW03	1/18/2022	8.61	-	-	10.96	7,950.22	7,941.61	-0.75
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
MW04	11/16/2021	DRY	-	-	6.43	7,948.97	NA	NC
MW04	12/17/2021	DRY	-	-	6.43	7,948.97	NA	NC
MW04	1/18/2022	DRY	-	-	6.43	7,948.97	NA	NC
MW04	2/18/2022	DRY	-	-	6.43	7,948.97	NA	NC
MW04	3/9/2022	DRY	-	-	6.43	7,948.97	NA	NC
MW05	11/16/2021	5.19	-	-	9.05	7,950.07	7,944.88	1.69
MW05	12/17/2021	7.17	-	-	9.05	7,950.07	7,942.90	-1.98
MW05	1/18/2022	8.18	-	-	9.05	7,950.07	7,941.89	-1.01
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
MW06	11/16/2021	4.48	-	-	9.02	7,944.76	7,940.28	1.17
MW06	12/17/2021	5.00	-	-	9.02	7,944.76	7,939.76	-0.52
MW06	1/18/2022	5.67	-	-	9.02	7,944.76	7,939.09	-0.67
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
MW07	11/16/2021	4.60	-	-	8.69	7,944.85	7,940.25	1.58
MW07	12/17/2021	5.69	-	-	8.69	7,944.85	7,939.16	-1.09
MW07	1/18/2022	6.33	-	-	8.69	7,944.85	7,938.52	-0.64
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
MW08	11/16/2021	5.45	-	-	9.18	7,945.16	7,939.71	1.09
MW08	12/17/2021	5.81	-	-	9.18	7,945.16	7,939.35	-0.36
MW08	1/18/2022	6.30	-	-	9.18	7,945.16	7,938.86	-0.49
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
MW09	11/16/2021	5.88	-	-	10.01	7,946.19	7,940.31	1.17
MW09	12/17/2021	Damaged	-	-	10.01	7,946.19	NM	NM
MW09	1/18/2022	Damaged	-	-	10.01	7,946.19	NM	NM
MW09	2/18/2022	Damaged	-	-	10.01	7,946.19	NM	NM
MW09	3/9/2022	Damaged	-	-	10.01	7,946.19	NM	NM
Average Change in Groundwater Elevation (11/16/2021 - 2/18/2022)								-2.35

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

Notes:

collected 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
FIRST 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	2/18/2022	2202254	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		NS	NS	NS		
MW02	2/18/2022	2202254	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		NS	NS	NS		Upgradient background location
MW03	2/18/2022	2202254	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		NS	NS	NS		
MW04	2/18/2022	NA	NS	NS	NS	NS	NS	NS	NS		NS	NS	NS		Not Sampled - Dry
MW05	2/18/2022	2202254	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		NS	NS	NS		
Allard North (Former Well Jack Area)															
MW06	2/18/2022	2202254	<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		
MW08	2/18/2022	2202254	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0		NS	NS	NS		
MW09	2/18/2022	NA	NS	NS	NS	NS	NS	NS	NS		NS	NS	NS		Not Sampled - Well Damaged

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

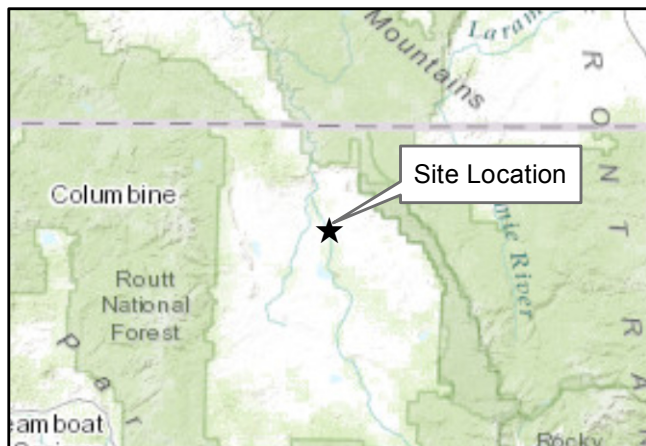
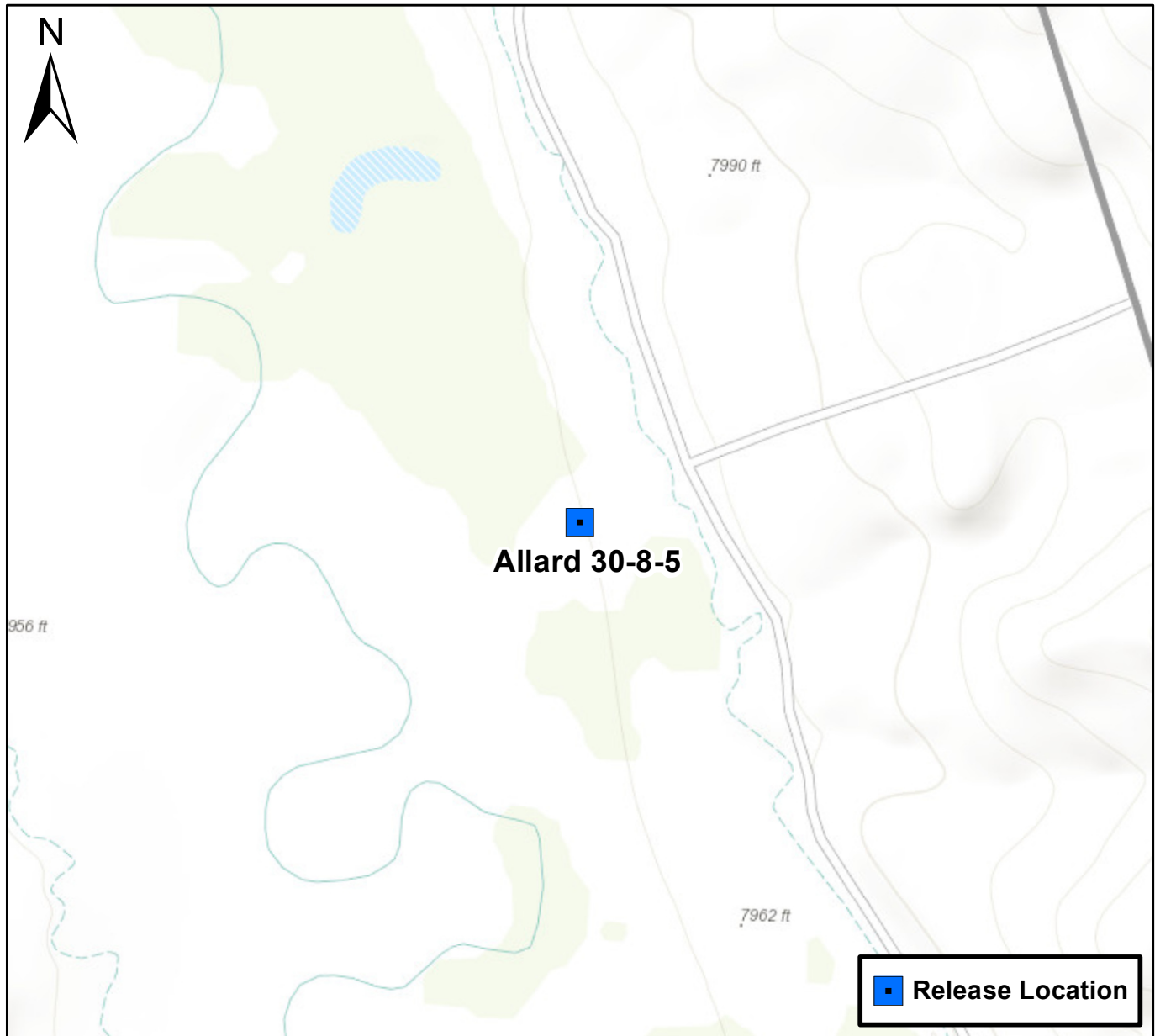
TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FOUNDATION ENERGY ALLARD 30-8-5
JACKSON COUNTY, COLORADO

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	
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
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	
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
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	
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
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	
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	
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	
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	Upgradient background well

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
DESIGNED BY:	B. Humphrey
DRAWN BY:	J. Clonts

TASMAN

Tasman, Inc.

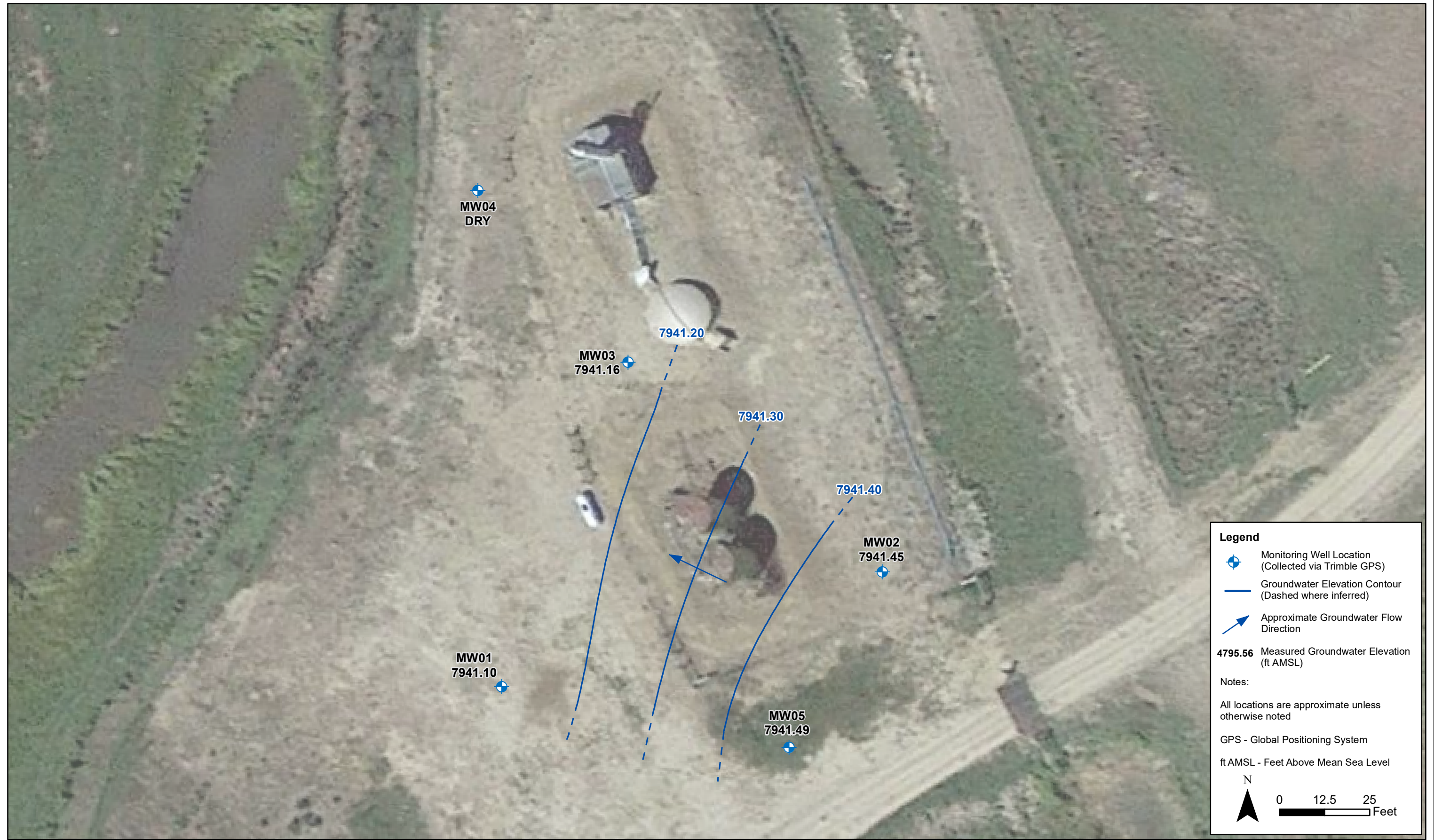
6855 W. 119th Ave

Broomfield, CO 80020

DCP Midstream – DJ Basin
Allard 30-8-5
SENE, Section 30, Township 10 North, Range 79 South
Jackson County, Colorado

Site Overview Map

Figure
2



DATE:	March 2022
DESIGNED BY:	B. Humphrey
DRAWN BY:	J. Clonts

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

DCP Midstream – DJ Basin
Allard 30-8-5 South
SENE, Section 30, Township 10 North, Range 79 South
Jackson County, Colorado

Groundwater Elevation
Contour Map
(February 18, 2022)

Figure
3



DATE:	March 2022
DESIGNED BY:	B. Humphrey
DRAWN BY:	J. Clonts

TASMAN

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

DCP Midstream – DJ Basin
Allard 30-8-5 North
SENE, Section 30, Township 10 North, Range 79 South
Jackson County, Colorado

Groundwater Elevation
Contour Map
(February 18, 2022)

Figure
4



DATE:	March 2022
DESIGNED BY:	B. Humphrey
DRAWN BY:	J. Clonts

TASMAN

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

DCP Midstream – DJ Basin
Allard 30-8-5 South
SENE, Section 30, Township 10 North, Range 79 South
Jackson County, Colorado

Groundwater Analytical
Results Map
(February 18, 2022)

Figure
5



DATE:	March 2022
DESIGNED BY:	B. Humphrey
DRAWN BY:	J. Clonts



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

DCP Midstream – DJ Basin
Allard 30-8-5 North
SENE, Section 30, Township 10 North, Range 79 South
Jackson County, Colorado

Groundwater Analytical
Results Map
(February 18, 2022)

Figure
6



DATE:	March 2022
DESIGNED BY:	B. Humphrey
DRAWN BY:	J. Clonts



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

DCP Midstream – DJ Basin
Allard 30-8-5 South
SENE, Section 30, Township 10 North, Range 79 South
Jackson County, Colorado

Proposed Surface Sample
and Excavation Locations
Allard South

Figure
7



DATE:	March 2022
DESIGNED BY:	B. Humphrey
DRAWN BY:	J. Clonts

TASMAN

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

DCP Midstream – DJ Basin
Allard 30-8-5 North
SENE, Section 30, Township 10 North, Range 79 South
Jackson County, Colorado

Proposed Surface Sample
and Excavation Locations
Allard North

Figure
8

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

February 24, 2022

Jeb Watts

Tasman Geosciences

6855 W. 119th Ave.

Broomfield, CO 80020

RE: Allard 30-8-5

Work Order #2202254

Enclosed are the results of analyses for samples received by Summit Scientific on 02/18/22 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Muri Premier", is displayed on a light purple rectangular background.

Muri Premier For Paul Shrewsbury
President



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

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Jeb Watts

Reported:
02/24/22 13:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	2202254-01	Water	02/18/22 12:05	02/18/22 15:30
MW02	2202254-02	Water	02/18/22 12:07	02/18/22 15:30
MW03	2202254-03	Water	02/18/22 11:55	02/18/22 15:30
MW05	2202254-04	Water	02/18/22 11:57	02/18/22 15:30
MW06	2202254-05	Water	02/18/22 11:40	02/18/22 15:30
MW07	2202254-06	Water	02/18/22 11:35	02/18/22 15:30
MW08	2202254-07	Water	02/18/22 11:25	02/18/22 15:30

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.

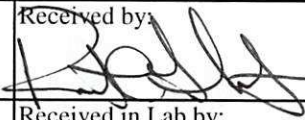
2202254

Page (of)

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

Sampler Name: Steve Cassinaggio, Jackson Millasovich

Project Number:

				Preservative				Matrix				Analyze For:								
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)									Special Instructions
MW01	2/18/22	1205	3			X		X			Tablet 915-1-167									
MW02		1207	3			X		X			X									
MW03		1155	3			X		X			X									
MW05		1157	3			X		X			X									
MW06		1140	3			X		X			X									
MW07		1135	3			X		X			X									
MW08		1125	3			X		X			X									
Relinquished by: Jackson Milkhouse				Date/Time: 2/18/22 T: 1530				Received by: Talman Locksby				Date/Time: 2/18/22 T: 1530				Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> Standard 48 Hours <input type="checkbox"/>				Notes:
Relinquished by:				Date/Time:				Received by: 				Date/Time: 2/18/22 1530				Sample Integrity: Temperature Upon Receipt: 4.1 Intact: Yes <input type="checkbox"/> No <input type="checkbox"/>				
Relinquished by:				Date/Time:				Received in Lab by:				Date/Time:								

S₂

2202254

Sample Receipt Checklist

S2 Work Order#

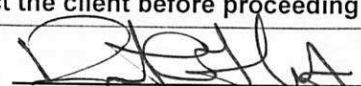
Client: Foundation/Tasman Client Project ID: Allard 30-8-5Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other Airbill #: _____
☐ ☒ ☐ ☐ ☐
Matrix (check all that apply): ☐ Air ☐ Soil/Solid ☒ Water ☐ Other: _____
(Describe)

Temp (°C)	4.1
-----------	-----

Thermometer ID: G86A9201901378

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°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 with holding times due within 48 hours sample due within 48 hours present?		-		
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 or Initials

2.18.22
 Date/Time



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

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Jeb Watts

Reported:
02/24/22 13:13

MW01
2202254-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/18/22 12:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BFB0226	02/21/22	02/23/22	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: **02/18/22 12:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		103 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		103 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.2 %	21-167		"	"	"	"	

Summit Scientific

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Jeb Watts

Reported:
02/24/22 13:13

MW02
2202254-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/18/22 12:07**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BFB0226	02/21/22	02/23/22	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: **02/18/22 12:07**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		106 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.6 %		21-167		"	"	"	"	

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

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Jeb Watts

Reported:
02/24/22 13:13

MW03
2202254-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/18/22 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFB0226	02/21/22	02/23/22	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: **02/18/22 11:55**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		104 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		106 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	21-167		"	"	"	"	

Summit Scientific

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

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Jeb Watts

Reported:
02/24/22 13:13

MW05
2202254-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/18/22 11:57**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BFB0226	02/21/22	02/23/22	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: **02/18/22 11:57**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		101 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %		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.



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

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Jeb Watts

Reported:
02/24/22 13:13

MW06
2202254-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/18/22 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFB0226	02/21/22	02/23/22	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: **02/18/22 11:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		104 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.0 %	21-167		"	"	"	"	

Summit Scientific

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

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Jeb Watts

Reported:
02/24/22 13:13

MW07
2202254-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/18/22 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFB0226	02/21/22	02/23/22	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: **02/18/22 11:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		105 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.7 %	21-167		"	"	"	"	

Summit Scientific

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

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Jeb Watts

Reported:
02/24/22 13:13

MW08
2202254-07 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/18/22 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	BFB0226	02/21/22	02/23/22	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: **02/18/22 11:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		108 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		104 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

Summit Scientific

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6855 W. 119th Ave.
Broomfield CO, 80020

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Jeb Watts

Reported:
02/24/22 13:13

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 BFB0226 - EPA 5030 Water MS

Blank (BFB0226-BLK1)

Prepared: 02/21/22 Analyzed: 02/22/22

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	12.9		"	13.3		97.0	23-173			
Surrogate: Toluene-d8	13.2		"	13.3		99.2	20-170			
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3		96.4	21-167			

LCS (BFB0226-BS1)

Prepared: 02/21/22 Analyzed: 02/22/22

Benzene	52.4	1.0	ug/l	50.0		105	51-132			
Toluene	51.6	1.0	"	50.0		103	51-138			
Ethylbenzene	51.6	1.0	"	50.0		103	58-146			
m,p-Xylene	103	2.0	"	100		103	57-144			
o-Xylene	52.7	1.0	"	50.0		105	53-146			
Naphthalene	47.8	1.0	"	50.0		95.5	70-130			
1,2,4-Trimethylbenzene	51.8	1.0	"	50.0		104	70-130			
1,3,5-Trimethylbenzene	52.4	1.0	"	50.0		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	12.5		"	13.3		93.6	23-173			
Surrogate: Toluene-d8	13.3		"	13.3		99.9	20-170			
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3		98.9	21-167			

Matrix Spike (BFB0226-MS1)

Source: 2202226-01

Prepared: 02/21/22 Analyzed: 02/22/22

Benzene	53.5	1.0	ug/l	50.0	ND	107	34-141			
Toluene	52.4	1.0	"	50.0	ND	105	27-151			
Ethylbenzene	52.1	1.0	"	50.0	ND	104	29-160			
m,p-Xylene	104	2.0	"	100	ND	104	20-166			
o-Xylene	53.2	1.0	"	50.0	ND	106	33-159			
Naphthalene	52.7	1.0	"	50.0	ND	105	70-130			
1,2,4-Trimethylbenzene	53.2	1.0	"	50.0	ND	106	70-130			
1,3,5-Trimethylbenzene	52.7	1.0	"	50.0	ND	105	70-130			
Surrogate: 1,2-Dichloroethane-d4	12.6		"	13.3		94.7	23-173			
Surrogate: Toluene-d8	13.4		"	13.3		100	20-170			
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3		99.3	21-167			

Summit Scientific

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

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Jeb Watts

Reported:
02/24/22 13:13

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 BFB0226 - EPA 5030 Water MS

Matrix Spike Dup (BFB0226-MSD1)	Source: 2202226-01			Prepared: 02/21/22 Analyzed: 02/22/22						
Benzene	54.0	1.0	ug/l	50.0	ND	108	34-141	1.08	30	
Toluene	53.3	1.0	"	50.0	ND	107	27-151	1.70	30	
Ethylbenzene	52.3	1.0	"	50.0	ND	105	29-160	0.364	30	
m,p-Xylene	103	2.0	"	100	ND	103	20-166	0.522	30	
o-Xylene	52.6	1.0	"	50.0	ND	105	33-159	1.08	30	
Naphthalene	52.4	1.0	"	50.0	ND	105	70-130	0.533	30	
1,2,4-Trimethylbenzene	52.2	1.0	"	50.0	ND	104	70-130	1.93	30	
1,3,5-Trimethylbenzene	52.6	1.0	"	50.0	ND	105	70-130	0.304	30	
Surrogate: 1,2-Dichloroethane-d4	12.8		"	13.3		96.4	23-173			
Surrogate: Toluene-d8	13.6		"	13.3		102	20-170			
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3		97.9	21-167			

Summit Scientific

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

Project: Allard 30-8-5

Project Number: [none]
Project Manager: Jeb Watts

Reported:
02/24/22 13:13

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

Appendix B
Historical Laboratory Results

APPENDIX B
TABLE B-1
HISTORICAL 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	5/20/2021	2.79	-	-	7.12	NM*	NC	NC
MW01	6/25/2021	4.91	-	-	9.31	7,949.31	7,944.40	NC
MW01	7/20/2021	5.84	-	-	9.31	7,949.31	7,943.47	-0.93
MW01	8/24/2021	7.85	-	-	9.31	7,949.31	7,941.46	-2.01
MW01	9/22/2021	8.87	-	-	9.31	7,949.31	7,940.44	-1.02
MW01	10/20/2021	7.07	-	-	9.31	7,949.31	7,942.24	1.80
MW01	11/16/2021	5.88	-	-	9.31	7,949.31	7,943.43	1.19
MW01	12/17/2021	7.11	-	-	9.31	7,949.31	7,942.20	-1.23
MW01	1/18/2022	7.89	-	-	9.31	7,949.31	7,941.42	-0.78
MW01	2/18/2022	8.21	-	-	9.31	7,949.31	7,941.10	-0.32
MW02	5/20/2021	1.47	-	-	6.60	NM*	NC	NC
MW02	6/25/2021	3.64	-	-	8.91	7,949.43	7,945.79	NC
MW02	7/20/2021	4.38	-	-	8.91	7,949.43	7,945.05	-0.74
MW02	8/24/2021	7.24	-	-	8.91	7,949.43	7,942.19	-2.86
MW02	9/22/2021	8.45	-	-	8.91	7,949.43	7,940.98	-1.21
MW02	10/20/2021	6.00	-	-	8.91	7,949.43	7,943.43	2.45
MW02	11/16/2021	4.58	-	-	8.91	7,949.43	7,944.85	1.42
MW02	12/17/2021	6.58	-	-	8.91	7,949.43	7,942.85	-2.00
MW02	1/18/2022	7.51	-	-	8.91	7,949.43	7,941.92	-0.93
MW02	2/18/2022	7.98	-	-	8.91	7,949.43	7,941.45	-0.47
MW03	5/20/2021	5.15	-	-	10.34	NM*	NC	NC
MW03	6/25/2021	5.59	-	-	10.96	7,950.22	7,944.63	NC
MW03	7/20/2021	6.47	-	-	10.96	7,950.22	7,943.75	-0.88
MW03	8/24/2021	8.53	-	-	10.96	7,950.22	7,941.69	-2.06
MW03	9/22/2021	9.68	-	-	10.96	7,950.22	7,940.54	-1.15
MW03	10/20/2021	7.57	-	-	10.96	7,950.22	7,942.65	2.11
MW03	11/16/2021	6.59	-	-	10.96	7,950.22	7,943.63	0.98
MW03	12/17/2021	7.86	-	-	10.96	7,950.22	7,942.36	-1.27
MW03	1/18/2022	8.61	-	-	10.96	7,950.22	7,941.61	-0.75
MW03	2/18/2022	9.06	-	-	10.96	7,950.22	7,941.16	-0.45
MW04	5/20/2021	3.41	-	-	8.10	NM*	NC	NC
MW04	6/25/2021	5.46	-	-	6.43	7,948.97	7,943.51	NC
MW04	7/20/2021	6.42	-	-	6.43	7,948.97	7,942.55	-0.96
MW04	8/24/2021	DRY	-	-	6.43	7,948.97	NA	NC
MW04	9/22/2021	DRY	-	-	6.43	7,948.97	NA	NC
MW04	10/20/2021	DRY	-	-	6.43	7,948.97	NA	NC
MW04	11/16/2021	DRY	-	-	6.43	7,948.97	NA	NC
MW04	12/17/2021	DRY	-	-	6.43	7,948.97	NA	NC
MW04	1/18/2022	DRY	-	-	6.43	7,948.97	NA	NC
MW04	2/18/2022	DRY	-	-	6.43	7,948.97	NA	NC
MW05	5/20/2021	3.00	-	-	7.62	NM*	NC	NC
MW05	6/25/2021	4.33	-	-	9.05	7,950.07	7,945.74	NC
MW05	7/20/2021	5.09	-	-	9.05	7,950.07	7,944.98	-0.76
MW05	8/24/2021	7.93	-	-	9.05	7,950.07	7,942.14	-2.84
MW05	9/22/2021	8.72	-	-	9.05	7,950.07	7,941.35	-0.79
MW05	10/20/2021	6.88	-	-	9.05	7,950.07	7,943.19	1.84
MW05	11/16/2021	5.19	-	-	9.05	7,950.07	7,944.88	1.69
MW05	12/17/2021	7.17	-	-	9.05	7,950.07	7,942.90	-1.98

APPENDIX B
TABLE B-1
HISTORICAL GROUNDWATER ELEVATION DATA
FOUNDATION ENERGY - ALLARD 30-8-5
JACKSON COUNTY, COLORADO

MW05	1/18/2022	8.18	-	-	9.05	7,950.07	7,941.89	-1.01
MW05	2/18/2022	8.58	-	-	9.05	7,950.07	7,941.49	-0.40
MW06	5/20/2021	5.38	-	-	10.34	NM*	NC	NC
MW06	6/25/2021	3.52	-	-	9.02	7,944.76	7,941.24	NC
MW06	7/20/2021	4.51	-	-	9.02	7,944.76	7,940.25	-0.99
MW06	8/24/2021	6.16	-	-	9.02	7,944.76	7,938.60	-1.65
MW06	9/22/2021	6.95	-	-	9.02	7,944.76	7,937.81	-0.79
MW06	10/20/2021	5.65	-	-	9.02	7,944.76	7,939.11	1.30
MW06	11/16/2021	4.48	-	-	9.02	7,944.76	7,940.28	1.17
MW06	12/17/2021	5.00	-	-	9.02	7,944.76	7,939.76	-0.52
MW06	1/18/2022	5.67	-	-	9.02	7,944.76	7,939.09	-0.67
MW06	2/18/2022	6.05	-	-	9.02	7,944.76	7,938.71	-0.38
MW07	5/20/2021	5.24	-	-	10.18	NM*	NC	NC
MW07	6/25/2021	3.98	-	-	8.69	7,944.85	7,940.87	NC
MW07	7/20/2021	5.10	-	-	8.69	7,944.85	7,939.75	-1.12
MW07	8/24/2021	6.64	-	-	8.69	7,944.85	7,938.21	-1.54
MW07	9/22/2021	7.38	-	-	8.69	7,944.85	7,937.47	-0.74
MW07	10/20/2021	6.18	-	-	8.69	7,944.85	7,938.67	1.20
MW07	11/16/2021	4.60	-	-	8.69	7,944.85	7,940.25	1.58
MW07	12/17/2021	5.69	-	-	8.69	7,944.85	7,939.16	-1.09
MW07	1/18/2022	6.33	-	-	8.69	7,944.85	7,938.52	-0.64
MW07	2/18/2022	6.72	-	-	8.69	7,944.85	7,938.13	-0.39
MW08	5/20/2021	6.26	-	-	10.33	NM*	NC	NC
MW08	6/25/2021	4.88	-	-	9.40	7,945.38	7,940.50	NC
MW08	7/20/2021	5.56	-	-	9.18	7,945.16	7,939.60	-0.90
MW08	8/24/2021	6.89	-	-	9.18	7,945.16	7,938.27	-1.33
MW08	9/22/2021	7.56	-	-	9.18	7,945.16	7,937.60	-0.67
MW08	10/20/2021	6.54	-	-	9.18	7,945.16	7,938.62	1.02
MW08	11/16/2021	5.45	-	-	9.18	7,945.16	7,939.71	1.09
MW08	12/17/2021	5.81	-	-	9.18	7,945.16	7,939.35	-0.36
MW08	1/18/2022	6.30	-	-	9.18	7,945.16	7,938.86	-0.49
MW08	2/18/2022	6.60	-	-	9.18	7,945.16	7,938.56	-0.30
MW09	5/20/2021	5.73	-	-	10.34	NM*	NC	NC
MW09	6/25/2021	4.94	-	-	10.01	7,946.19	7,941.25	NC
MW09	7/20/2021	5.95	-	-	10.01	7,946.19	7,940.24	-1.01
MW09	8/24/2021	7.49	-	-	10.01	7,946.19	7,938.70	-1.54
MW09	9/22/2021	8.28	-	-	10.01	7,946.19	7,937.91	-0.79
MW09	10/20/2021	7.05	-	-	10.01	7,946.19	7,939.14	1.23
MW09	11/16/2021	5.88	-	-	10.01	7,946.19	7,940.31	1.17
MW09	12/17/2021	Damaged	-	-	10.01	7,946.19	NM	NM
MW09	1/18/2022	Damaged	-	-	10.01	7,946.19	NM	NM
MW09	2/18/2022	Damaged	-	-	10.01	7,946.19	NM	NM
Average Change in Groundwater Elevation (11/16/2021 - 2/18/2022)								-2.35

Notes:

collected 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

APPENDIX B
TABLE B-2
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		
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
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		
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
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		
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
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		
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		
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		
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		Upgradient background well

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

APPENDIX B
Table B-3
Foundation Energy Management - Allard 30-8-5
Volatile Organic Compound Soil Sample Results
Jackson County, Colorado

Sample ID	Date Sampled	Lab Report	PID Reading (PPM)		Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	1,2,4-Trimethylbenzene (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)	Naphthalene (mg/kg)		TPH (mg/kg)	Comments
COGCC Table 910-1 Standards for Soil (mg/kg) ⁽¹⁾					0.17	85	100	175	-	-	-		500	Effective prior to 1/15/2021
COGCC Table 915-1 Protection of Groundwater Soil Screening Level Standards Risk & MCL Based ^(1 & 2) (mg/kg)					0.0026 (M)	0.69 (M)	0.78 (M)	9.9 (M)	0.0081 (R)	0.0087 (R)	0.0038 (R)		500	Effective after 1/15/2021
Allard South (Former Battery and Treatment Area)														
TP-01 (5')	12/1/2020	2012032	2515.0		0.025	<0.0050	0.24	0.64	-	-	-		460	Table 910
TP-02N (5')	12/1/2020	2012032	2.0		<0.0020	<0.0050	<0.0050	<0.010	-	-	-		<50	Table 910
TP-02E (5')	12/1/2020	2012032	0.0		<0.0020	<0.0050	<0.0050	<0.010	-	-	-		<50	Table 910
TP-02W (5')	12/1/2020	2012032	0.0		<0.0020	<0.0050	<0.0050	<0.010	-	-	-		<50	Table 910
TP-03BASE (5')	12/1/2020	2012032	457.0		<0.0020	<0.0050	<0.0050	<0.010	-	-	-		148	Table 910
TP-05BASE (5')	12/1/2020	2012032	1189.0		<0.0020	<0.0050	1.1	12	-	-	-		3900	Table 910
TP-08BASE (7')	12/1/2020	2012032	3154.0		<0.0020	<0.0050	0.59	4.5	-	-	-		1990	Table 910
MW01@2'	5/17/2021	2105348	2.9		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		64	Table 915
MW01@6'	5/17/2021	2105348	0.0		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		<50	Table 915
MW02@3'	5/18/2021	2105348	10.9		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		<50	Table 915; Background Location
MW02@6'	5/18/2021	2105348	2.5		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		<50	Table 915; Background Location
MW03@5'	5/18/2021	2105348	518.3		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		<50	Table 915
MW03@8'	5/18/2021	2105348	516.2		0.0031	<0.005	<0.005	<0.010	<0.005	<0.005	0.011		229	Table 915
MW04@3'	5/18/2021	2105348	53.4		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		93	Table 915
MW04@6'	5/18/2021	2105348	356.2		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		90.1	Table 915
MW05@4'	5/18/2021	2105348	45.8		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		<50	Table 915
MW05@6'	5/18/2021	2105348	4.7		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		<50	Table 915
Allard North (Former Well Jack Area)														
WJPIT-01 (6.5')	12/1/2020	2012033	376.1		0.65	1.7	0.61	2.8	-	-	-		840	Table 910
WJPIT-SS (6.5')	12/1/2020	2012033	0.0		<0.0020	0.006	<0.0050	<0.010	-	-	-		1.3	Table 910
WJPIT-N (5.5')	12/1/2020	2012033	0.0		<0.0020	<0.0050	<0.0050	<0.010	-	-	-		<50	Table 910
BDPIT (5')	12/1/2020	2012033	0.0		<0.0020	<0.0050	<0.0050	0.022	-	-	-		<50	Table 910
MW07@3'	5/19/2021	2105348	0.0		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		<50	Table 915
MW07@6'	5/19/2021	2105348	0.0		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		<50	Table 915
MW08@3'	5/19/2021	2105348	1.3		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		<50	Table 915
MW08@6'	5/19/2021	2105348	0.0		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		<50	Table 915
MW09@3'	5/19/2021	2105348	0.0		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		<50	Table 915; Background Location
MW09@6'	5/19/2021	2105348	0.0		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		<50	Table 915; Background Location
WJA-N@4.5'	5/25/2021	2105389	9.0		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		<50	Table 915

APPENDIX B
Table B-3
Foundation Energy Management - Allard 30-8-5
Volatile Organic Compound Soil Sample Results
Jackson County, Colorado

WJA-S@4.5'	5/25/2021	2105389	1.2		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		<50	Table 915
WJA-E@4.5'	5/25/2021	2105389	1.2		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		<50	Table 915
WJA-W@4.5'	5/25/2021	2105389	5.7		<0.002	<0.005	<0.005	<0.010	0.012	<0.005	0.0065		0.82	Table 915
WJA-B@5'	5/26/2021	2105419	476.2		0.33	0.59	0.81	4.2	4.6	2.3	1.5		1700	Table 915
WJA-W3@4.5'	5/27/2021	2105496	NA		<0.002	<0.005	<0.005	<0.010	<0.005	<0.005	<0.0038		<50	Table 915

Notes:

1). The environmental cleanup standards for soil that are applicable to this site are the Colorado Oil and Gas Conservation Commission (COGCC) standards for contaminants in soil according to Table 910-1 (Prior to January 15th, 2021) and Table 915-1 (Post January 15, 2021) of the COGCC 900 Series Rule for E&P Waste Management.

2). Standards for Soil are referenced from the 2 CCR 404-1, Table 915-1, effective January 15, 2021. If there is no pathway for communication with Groundwater, then residential soil screening levels apply for organic compounds and metals. If the Director determines that a pathway to Groundwater exists, then the protection of Groundwater soil screening levels will apply, secondary to actual measured concentrations of the contaminants of concern in Groundwater.

4). TPH - Total volatile (C₆ - C₁₀) and extractable (C₁₀ - C₃₆) petroleum hydrocarbons.

mg/kg= Milligrams per kilogram.

ppm - Parts per million

Bold red values indicate an exceedance of the Table 910-1 COGCC soil standards for the Site (effective prior to 1/15/21).

Bold values indicate an exceedance of the Table 915-1 COGCC soil standards for the Site (effective after 1/15/21).

Table 915 note - If the method detection limit (“MDL”) or practical quantitation limit (“PQL”) for a pollutant is higher (less stringent) than a threshold concentration listed in Table 915-1, the Director may allow an Operator to substitute the MDL or PQL for the concentration listed in Table 915-1.

APPENDIX B
Table B-4
Foundation Energy Management - Allard 30-8-5
Polyaromatic Hydrocarbon (PAHs) Soil Sample Results
Jackson County, Colorado

Sample ID	Date Sampled	Lab Report	PID Reading (PPM)		Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benz(a)anthracene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Benzo(a)pyrene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno(1,2,3-cd)pyrene (mg/kg)	1-methylnaphthalene (mg/kg)	2-methylnaphthalene (mg/kg)	Pyrene (mg/kg)	Comments
COGCC Protection of Groundwater Soil Screening Level Standards Risk & MCL Based ^(1 & 2) (mg/kg)	-	-	-		0.55 (R)	5.8 (R)	0.011 (R)	0.3 (R)	2.9 (R)	0.24 (M)	9 (R)	0.096 (R)	8.9 (R)	0.54 (R)	0.98 (R)	0.006 (R)	0.019 (R)	1.3 (R)	
Allard South (Former Battery and Treatment Area)																			
MW01@2'	5/17/2021	2105348	2.9		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
MW01@6'	5/17/2021	2105348	0.0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
MW02@3'	5/18/2021	2105348	10.9		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	Background Location
MW02@6'	5/18/2021	2105348	2.5		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	Background Location
MW03@5'	5/18/2021	2105348	518.3		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
MW03@8'	5/18/2021	2105348	516.2		<0.005	0.077	0.030	<0.005	<0.005	<0.005	0.0327	<0.005	0.00903	0.032	<0.005	0.0445	0.0342	0.0147	
MW04@3'	5/18/2021	2105348	53.4		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
MW04@6'	5/18/2021	2105348	356.2		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
MW05@4'	5/18/2021	2105348	45.8		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
MW05@6'	5/18/2021	2105348	4.7		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Allard North (Former Well Jack Area)																			
MW07@3'	5/19/2021	2105348	0.0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
MW07@6'	5/19/2021	2105348	0.0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
MW08@3'	5/19/2021	2105348	1.3		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
MW08@6'	5/19/2021	2105348	0.0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
MW09@3'	5/19/2021	2105348	0.0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	Background Location
MW09@6'	5/19/2021	2105348	0.0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	Background Location
WJA-N@4.5'	5/25/2021	2105389	9.0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
WJA-S@4.5'	5/25/2021	2105389	1.2		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00697	<0.005	<0.005	
WJA-E@4.5'	5/25/2021	2105389	1.2		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0147	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00646	
WJA-W@4.5'	5/25/2021	2105389	5.7		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
WJA-B@5'	5/26/2021	2105419	476.2		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
WJA-W3@4.5'	5/27/2021	2105496	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

1). Standards for Soil are referenced from the 2 CCR 404-1, Table 915-1, effective January 15, 2021.

2). The letter “(R)” following a protection of Groundwater soil screening level indicates the concentration is derived from a risk-based approach. The letter “(M)” following a protection of Groundwater soil screening level indicates the concentration is derived from the drinking water MCL.

mg/kg= Milligrams per kilogram.

PPM - Parts per million

PID - Photoionization Detector

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

Table 915 note - If the method detection limit (“MDL”) or practical quantitation limit (“PQL”) for a pollutant is higher (less stringent) than a threshold concentration listed in Table 915-1, the Director may allow an Operator to substitute the MDL or PQL for the concentration listed in Table 915-1.

NA = Not Analyzed

APPENDIX B Table B-5 Foundation Energy Management - Allard 30-8-5 Soil Suitability and Inorganic Soil Sample Results Jackson County, Colorado																		
Sample ID	Date Sampled	Lab Report	PID Reading (PPM)	pH (pH units)	Specific Conductance (EC) (mmhos/cm)	Sodium Adsorption Ratio (SAR)	Boron (mg/l)	Arsenic ³ (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)	Comments
COGCC Protection of Groundwater Soil Screening Level Standards Risk & MCL Based ^(1 & 2) (mg/kg)	-	-	-	6-8.3	<4 mmhos/cm	<6	2 (mg/L)	0.29 (M)	82 (M)	0.38 (M)	0.00067 (R)	46 (M)	14 (M)	26 (R)	0.26 (M)	0.8 (R)	370 (R)	
Allard South (Former Battery and Treatment Area)																		
MW01@2'	5/17/2021	2105348	2.9	8.78	0.743	8.13	1.05	1.04	98.6	<0.249	<0.30	11.7	6.93	12.0	0.386	0.0403	55.0	
MW01@6'	5/17/2021	2105348	0.0	8.81	0.498	7.95	0.431	2.12	53.4	<0.253	<0.30	6.32	5.33	5.78	<0.328	<0.0253	24.6	
MW02@3'	5/18/2021	2105348	10.9	8.45	0.368	0.625	0.223	0.927	15.9	<0.224	<0.30	3.30	3.57	3.09	<0.291	<0.0224	16.8	Background Location
MW02@6'	5/18/2021	2105348	2.5	8.50	0.351	0.621	0.125	1.33	77.0	<0.233	<0.30	4.62	4.09	4.34	0.348	0.0519	28.6	Background Location
MW03@5'	5/18/2021	2105348	518.3	8.47	0.397	0.740	0.123	1.06	27.0	<0.218	<0.30	3.23	5.10	5.05	<0.284	0.0369	21.4	
MW03@8'	5/18/2021	2105348	516.2	8.21	0.889	1.09	0.165	2.05	38.5	<0.246	<0.30	6.89	4.33	4.29	<0.319	<0.0246	20.4	
MW04@3'	5/18/2021	2105348	53.4	8.50	0.341	2.74	0.0415	1.32	34.0	<0.223	<0.30	2.58	4.22	3.34	<0.289	<0.0223	18.1	
MW04@6'	5/18/2021	2105348	356.2	8.13	0.791	0.594	0.0351	0.676	31.7	<0.226	<0.30	4.22	4.84	3.49	<0.294	0.0267	18.4	
MW05@4'	5/18/2021	2105348	45.8	8.33	0.161	0.647	0.0289	1.53	66.1	<0.233	<0.30	9.07	5.36	6.17	<0.303	0.0390	28.1	
MW05@6'	5/18/2021	2105348	4.7	8.30	0.343	0.685	0.0140	1.20	32.8	<0.223	<0.30	4.77	4.67	4.87	<0.290	0.0311	23.3	
Allard North (Former Well Jack Area)																		
MW07@3'	5/19/2021	2105348	0.0	7.26	0.376	0.996	0.0674	0.832	81.9	<0.253	<0.30	8.61	8.30	7.45	<0.328	0.0413	41.7	
MW07@6'	5/19/2021	2105348	0.0	7.84	0.172	1.19	0.161	3.18	42.8	<0.258	<0.30	3.70	6.43	4.29	<0.335	<0.0258	22.4	
MW08@3'	5/19/2021	2105348	1.3	7.51	0.236	1.36	0.160	1.87	69.1	<0.264	<0.30	5.32	7.19	6.23	<0.343	0.0378	34.5	
MW08@6'	5/19/2021	2105348	0.0	7.88	0.236	1.12	0.0819	<0.242	24.2	<0.242	<0.30	3.41	4.39	2.70	0.378	<0.0242	16.1	
MW09@3'	5/19/2021	2105348	0.0	8.11	0.240	0.971	0.0541	0.925	31.1	<0.232	<0.30	2.17	3.77	3.81	<0.301	<0.0232	14.3	Background Location
MW09@6'	5/19/2021	2105348	0.0	8.08	0.122	0.668	0.0370	0.773	50.9	<0.245	<0.30	3.91	3.95	4.26	1.63	<0.0245	22.0	Background Location
WJA-N@4.5'	5/25/2021	2105389	9.0	8.07	0.331	0.654	0.0815	0.56	93.2	<0.227	<0.30	14.2	6.2	12.0	0.658	0.0277	48.5	
WJA-S@4.5'	5/25/2021	2105389	1.2	8.00	0.694	2.99	0.258	1.68	117	<0.238	<0.30	11.1	8.9	10.8	0.701	0.0656	56.9	
WJA-E@4.5'	5/25/2021	2105389	1.2	7.30	0.149	0.763	0.182	1.83	170	<0.251	<0.30	13.8	11.1	11.9	1.18	0.0822	71.9	
WJA-W@4.5'	5/25/2021	2105389	5.7	7.39	0.121	0.933	0.0888	4.03	173	<0.253	<0.30	15.8	12.8	15.5	0.979	0.104	81.6	
WJA-B@5'	5/26/2021	2105419	476.2	8.2	0.659	1.26	0.188	2.20	113	<0.243	<0.30	13.7	26.8	12.0	1.12	0.0384	60.2	
WJA-W3@4.5'	5/27/2021	2105496	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

1). Standards for Soil are referenced from the 2 CCR 404-1, Table 915-1, effective January 15, 2021.

2). The letter “(R)” following a protection of Groundwater soil screening level indicates the concentration is derived from a risk-based approach. The letter “(M)” following a protection of Groundwater soil screening level indicates the concentration is derived from the drinking water MCL.

3). The Arsenic concentration from soil sample TP05@12' is within known background levels for soil in Weld County, Colorado

mg/kg= Milligrams per kilogram.

PPM - Parts per million

PID - Photoionization Detector

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

Table 915 note - If the method detection limit (“MDL”) or practical quantitation limit (“PQL”) for a pollutant is higher (less stringent) than a threshold concentration listed in Table 915-1, the Director may allow an Operator to substitute the MDL or PQL for the concentration listed in Table 915-1.

NA = Not Analyzed



DATE:	March 2022
DESIGNED BY:	B. Humphrey
DRAWN BY:	J. Clonts




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

DCP Midstream – DJ Basin
Allard 30-8-5 North
SENE, Section 30, Township 10 North, Range 79 South
Jackson County, Colorado

Historical Soil Sample
Locations Allard North

Figure
B-1



DATE: March 2022	<div><div>Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020</div></div>	<div>DCP Midstream – DJ Basin Allard 30-8-5 South SENE, Section 30, Township 10 North, Range 79 South Jackson County, Colorado</div>	<div>Historical Soil Sample Locations Allard South</div>	<div>Figure B-2</div>
DESIGNED BY: B. Humphrey				
DRAWN BY: J. Clonts				