DCP PARMLEE #1
THIRD QUARTER 2022
FORM 27 INITIAL INVESTIGATION REPORT

ATTACHMENTS

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1 Summary of Third Quarter 2022 Groundwater Elevation Data
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2 Site Overview Map
3 Groundwater Potentiometric Surface Map – August 30, 2022
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A Laboratory Analytical Report
- Origins Laboratory Job #: Y208711 (groundwater)

TABLE 1
THIRD QUARTER 2022
(August 30, 2022)
SUMMARY OF GROUNDWATER ELEVATION DATA
DCP MIDSTREAM - PARMLEE #1
WELD 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)
BH01 (MW01)	6/22/2021	29.78	-	-	34.06	4605.91	4,576.13	NC
BH01 (MW01)	9/15/2021	29.86	-	-	34.06	4605.91	4,576.05	-0.08
BH01 (MW01)	3/2/2022	Removed during 4Q21 excavation						
MW01-R	1/28/2022	DRY	-	-	34.33	4602.19	NC	NC
MW01-R	3/2/2022	DRY	-	-	34.33	4602.19	NC	NC
MW01-R	6/2/2022	33.65			34.33	4602.19	4,568.54	NC
MW01-R	8/30/2022	33.06			34.33	4602.19	4,569.13	0.59
BH02 (MW02)	6/22/2021	30.98	-	-	33.31	4607.07	4,576.09	NC
BH02 (MW02)	9/15/2021	29.61	-	-	33.31	4607.07	4,577.46	1.37
BH02 (MW02)	3/2/2022	Removed during 4Q21 excavation						
MW02-R	1/28/2022	31.00	-	-	31.54	4603.17	4,572.17	NC
MW02-R	3/2/2022	31.05	-	-	33.54	4603.17	4,572.12	-0.05
MW02-R	6/2/2022	31.19			33.54	4603.17	4,571.98	-0.14
MW02-R	8/30/2022	31.34			33.54	4603.17	4,571.83	-0.15
BH03 (MW03)	6/22/2021	29.52	-	-	32.86	4605.68	4,576.16	NC
BH03 (MW03)	9/15/2021	31.08	-	-	32.86	4605.68	4,574.60	-1.56
BH03 (MW03)	3/2/2022	Removed during 4Q21 excavation						
BH04 (MW04)	6/22/2021	29.01	-	-	32.30	4604.83	4,575.82	NC
BH04 (MW04)	9/15/2021	29.06	-	-	32.30	4604.83	4,575.77	-0.05
BH04 (MW04)	3/2/2022	Removed during 4Q21 excavation						
BH05 (MW05)	6/22/2021	29.75	-	-	32.19	4605.65	4,575.90	NC
BH05 (MW05)	9/15/2021	29.81	-	-	32.19	4605.65	4,575.84	-0.06
BH05 (MW05)	3/2/2022	Removed during 4Q21 excavation						
MW05-R	1/28/2022	DRY	-	-	41.96	4602.53	NC	NC
MW05-R	3/2/2022	37.49	-	-	41.96	4602.53	4565.04	NC
MW05-R	6/2/2022	35.97			41.96	4602.53	4566.56	1.52
MW05-R	8/30/2022	34.33			41.96	4602.53	4568.20	1.64
MW06	1/28/2022	29.76	-	-	32.58	4602.26	4572.50	NC
MW06	3/2/2022	29.79	-	-	32.58	4602.26	4572.47	-0.03
MW06	6/2/2022	29.91			32.58	4602.26	4572.35	-0.12
MW06	8/30/2022	30.02			32.58	4602.26	4572.24	-0.11
MW07	1/28/2022	DRY	-	-	29.68	4601.20	NC	NC
MW07	3/2/2022	DRY	-	-	29.68	4601.20	NC	NC
MW07	6/2/2022	DRY	-	-	29.68	4601.20	NC	NC
MW07	8/30/2022	DRY			29.68	4601.20	NC	NC
MW08	1/28/2022	DRY	-	-	32.02	4603.75	NC	NC
MW08	3/2/2022	DRY	-	-	32.02	4603.75	NC	NC
MW08	6/2/2022	DRY	-	-	32.02	4603.75	NC	NC
MW08	8/30/2022	DRY			32.02	4603.75	NC	NC
MW09	1/28/2022	30.78	-	-	31.95	4599.92	4569.14	NC

TABLE 1
THIRD QUARTER 2022
(August 30, 2022)
SUMMARY OF GROUNDWATER ELEVATION DATA
DCP MIDSTREAM - PARMLEE #1
WELD COUNTY, COLORADO

MW09	3/2/2022	30.26	-	-	31.95	4599.92	4569.66	0.52
MW09	6/2/2022	30.57			31.95	4599.92	4569.35	-0.31
MW09	8/30/2022	30.80			31.95	4599.92	4569.12	-0.23
							Average Change in Groundwater Elevation (6/2/2022 to 8/30/2022)	0.35

Notes:

1- Changes in groundwater elevation calculated by subtracting the measurement collected during the previous monitoring event from the measurement 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

NC = Not calculated

TABLE 2
THIRD QUARTER 2022 GROUNDWATER ANALYTICAL RESULTS
(August 30, 2022)
DCP MIDSTREAM - PARMLEE #1
WELD COUNTY, COLORADO

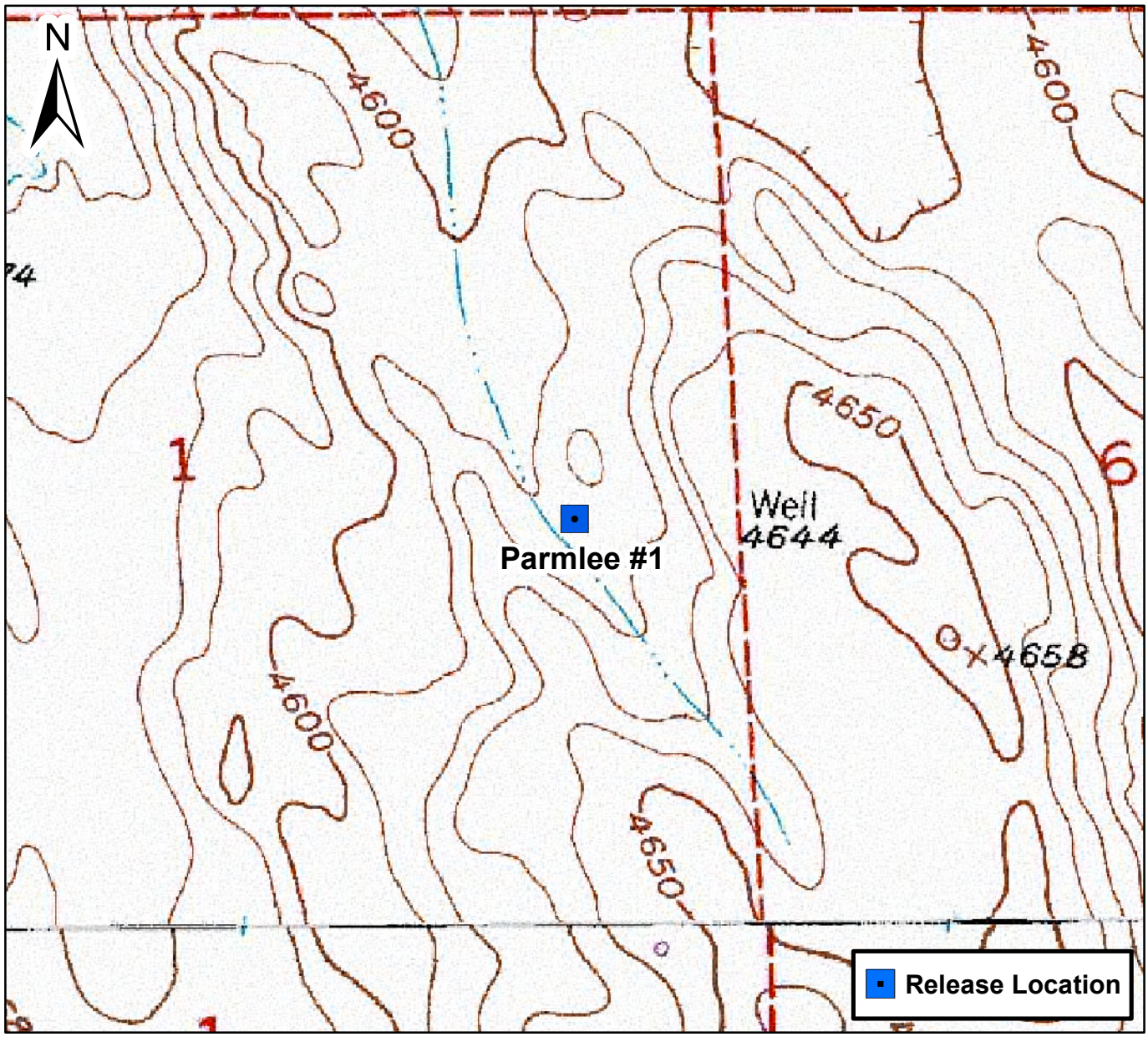
Location Identification	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)	Comments
COGCC Standards (µg/L)		**5**	**560**	**700**	**1,400**	**67**	**67**	**140**	
MW01-R	8/30/2022	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	
MW02-R	8/30/2022	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	
MW05-R	8/30/2022	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	
MW06	8/30/2022	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	
MW07	8/30/2022	NS	NS	NS	NS	NS	NS	NS	DRY
MW08	8/30/2022	NS	NS	NS	NS	NS	NS	NS	DRY
MW09	8/30/2022	NS	NS	NS	NS	NS	NS	NS	Insufficient Volume

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 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.
Bold red values indicate an exceedance of the COGCC groundwater standards for the Site.
µg/L = micrograms per liter.
NS = Not Sampled

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
DCP MIDSTREAM - PARMLEE #1
WELD COUNTY, COLORADO

Location Identification	Sample Date	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)		**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)**	
BH01 (MW01)	6/22/2021	**3600**	**4960**	**978**	**8300**	**591**	**267**	107	770	31.2	36.0	
BH01 (MW01)	9/15/2021	**2160**	**1830**	326	**4890**	**549**	**265**	88.2	-	-	-	
BH01 (MW01)	3/2/2022	-	-	-	-	-	-	-	-	-	-	Removed During Excavation
MW01-R	3/2/2022	NS	NS	NS	NS	NS	NS	NS	-	-	-	DRY
MW01-R	6/2/2022	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	-	-	-	
MW01-R	8/30/2022	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	-	-	-	
BH02 (MW02)	6/22/2021	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<16.0	684	<31.2	40.7	
BH02 (MW02)	9/15/2021	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	-	-	-	
BH02 (MW02)	3/2/2022	-	-	-	-	-	-	-	-	-	-	Removed During Excavation
MW02-R	3/2/2022	<1.00	<1.00	3.26	<1.00	7.74	<2.00	<2.00	-	-	-	
MW02-R	6/2/2022	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	-	-	-	
MW02-R	8/30/2022	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	-	-	-	
BH03 (MW03)	6/22/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<4.00	-	-	-	
BH03 (MW03)	9/15/2021	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	-	-	-	
BH03 (MW03)	3/2/2022	-	-	-	-	-	-	-	-	-	-	Removed During Excavation
BH04 (MW04)	6/22/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<4.00	NS	NS	NS	
BH04 (MW04)	9/15/2021	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	-	-	-	
BH04 (MW04)	3/2/2022	-	-	-	-	-	-	-	-	-	-	Removed During Excavation
BH05 (MW05)	6/22/2021	**80.9**	<1.00	5.43	320	**166**	**163**	24.6	850	38.7	<31.2	
BH05 (MW05)	9/15/2021	**7.34**	<1.00	70.9	<1.00	<1.00	32.8	22.1	-	-	-	
BH05 (MW05)	3/2/2022	-	-	-	-	-	-	-	-	-	-	Removed During Excavation
MW05-R	3/2/2022	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	-	-	-	
MW05-R	6/2/2022	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	-	-	-	
MW05-R	8/30/2022	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	-	-	-	
MW06	3/2/2022	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	-	-	-	
MW06	6/2/2022	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	-	-	-	
MW06	8/30/2022	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	-	-	-	
MW07	3/2/2022	NS	NS	NS	NS	NS	NS	NS	-	-	-	DRY
MW07	6/2/2022	NS	NS	NS	NS	NS	NS	NS	-	-	-	DRY
MW07	8/30/2022	NS	NS	NS	NS	NS	NS	NS	-	-	-	DRY
MW08	3/2/2022	NS	NS	NS	NS	NS	NS	NS	-	-	-	DRY
MW08	6/2/2022	NS	NS	NS	NS	NS	NS	NS	-	-	-	DRY
MW08	8/30/2022	NS	NS	NS	NS	NS	NS	NS	-	-	-	DRY
MW09	3/2/2022	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	-	-	-	
MW09	6/2/2022	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	-	-	-	
MW09	8/30/2022	NS	NS	NS	NS	NS	NS	NS	-	-	-	Insufficient Volume

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.
Bold red values indicate an exceedance of the COGCC groundwater standards for the Site.
µg/L = micrograms per liter.
NS = Not Sampled



0 750 1,500
Feet

Figure 1

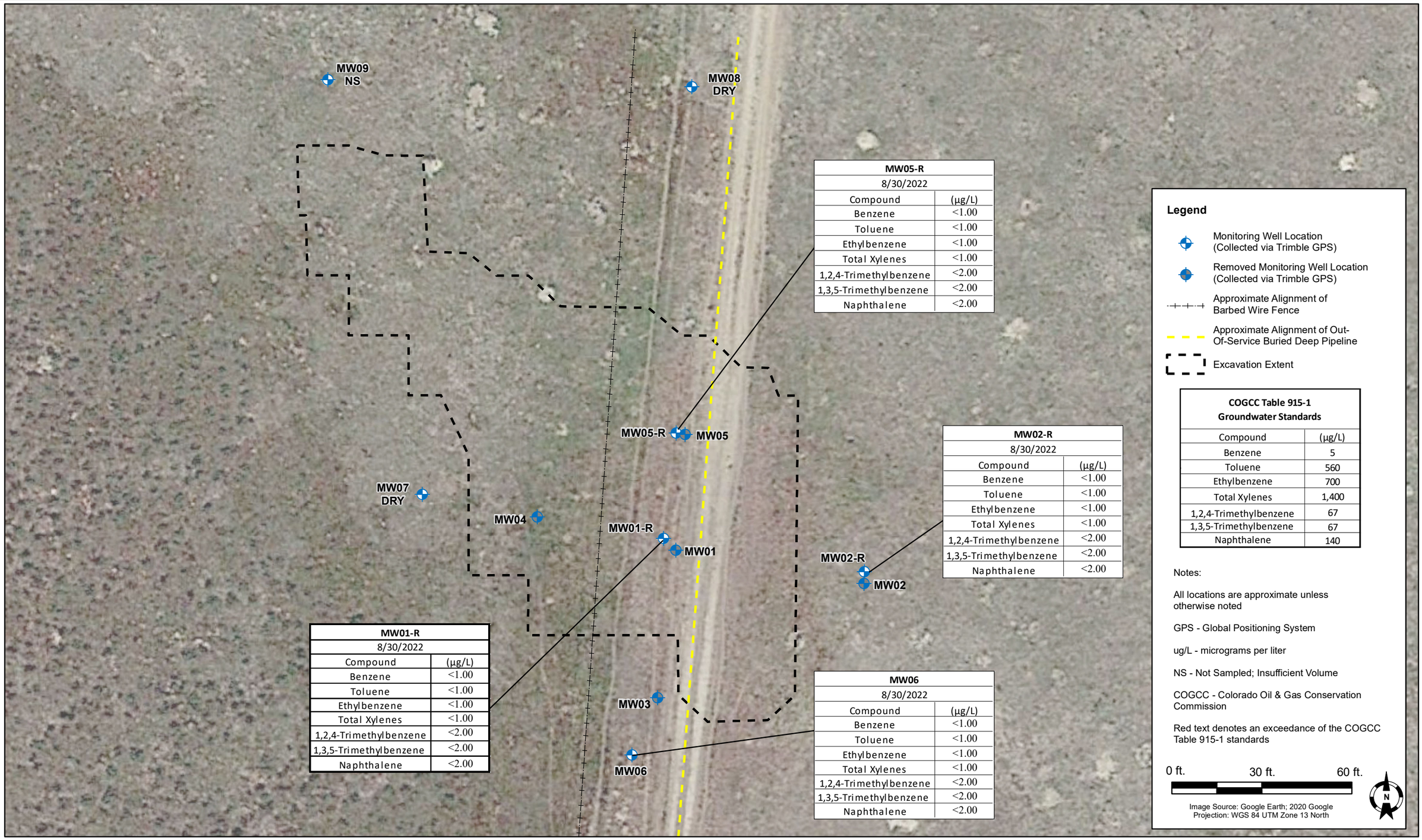
Site Location Map
Parmlee #1
SENE S1 T3N R62W
Weld County, Colorado

TASMAN

Drawn By: CA
Date: 5/5/2021

DATE: April 2022 DESIGNED BY: B. Humphrey DRAWN BY: J. Clonts	TASMAN **Tasman, Inc.** **6855 W. 119th Ave** **Broomfield, CO 80020**	**DCP Midstream** **Parmlee #1** S1 T3N R62W Weld, Colorado	Site Overview Map	Figure 2

DATE: October 2022 DESIGNED BY: J. Watts DRAWN BY: L. Reed	TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	**DCP Midstream** **Parmlee #1** S1 T3N R62W Weld, Colorado	Groundwater Elevation Contour Map (August 30, 2022)	Figure 3



MW05-R	
8/30/2022	
Compound	(µg/L)
Benzene	<1.00
Toluene	<1.00
Ethylbenzene	<1.00
Total Xylenes	<1.00
1,2,4-Trimethylbenzene	<2.00
1,3,5-Trimethylbenzene	<2.00
Naphthalene	<2.00

MW02-R	
8/30/2022	
Compound	(µg/L)
Benzene	<1.00
Toluene	<1.00
Ethylbenzene	<1.00
Total Xylenes	<1.00
1,2,4-Trimethylbenzene	<2.00
1,3,5-Trimethylbenzene	<2.00
Naphthalene	<2.00

MW01-R	
8/30/2022	
Compound	(µg/L)
Benzene	<1.00
Toluene	<1.00
Ethylbenzene	<1.00
Total Xylenes	<1.00
1,2,4-Trimethylbenzene	<2.00
1,3,5-Trimethylbenzene	<2.00
Naphthalene	<2.00

MW06	
8/30/2022	
Compound	(µg/L)
Benzene	<1.00
Toluene	<1.00
Ethylbenzene	<1.00
Total Xylenes	<1.00
1,2,4-Trimethylbenzene	<2.00
1,3,5-Trimethylbenzene	<2.00
Naphthalene	<2.00

Legend

- Monitoring Well Location (Collected via Trimble GPS)
- Removed Monitoring Well Location (Collected via Trimble GPS)
- Approximate Alignment of Barbed Wire Fence
- Approximate Alignment of Out-Of-Service Buried Deep Pipeline
- Excavation Extent

COGCC Table 915-1 Groundwater Standards	
Compound	(µg/L)
Benzene	5
Toluene	560
Ethylbenzene	700
Total Xylenes	1,400
1,2,4-Trimethylbenzene	67
1,3,5-Trimethylbenzene	67
Naphthalene	140

Notes:

All locations are approximate unless otherwise noted

GPS - Global Positioning System

ug/L - micrograms per liter

NS - Not Sampled; Insufficient Volume

COGCC - Colorado Oil & Gas Conservation Commission

Red text denotes an exceedance of the COGCC Table 915-1 standards

0 ft. 30 ft. 60 ft.

N

Image Source: Google Earth; 2020 Google
Projection: WGS 84 UTM Zone 13 North

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

TASMAN

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

DCP Midstream
Parmlee #1
S1 T3N R62W
Weld, Colorado

Groundwater Analytical Results Map (August 30, 2022)

Figure 4

ORIGINS LABORATORY, INC

September 09, 2022

Tasman Geosciences

Jeb Watts

6855 West 119th Avenue

Broomfield CO 80020

Project Name - DCP - Parmlee #1 **Project Number - [none]**

Attached are your analytical results for DCP - Parmlee #1 received by Origins Laboratory, Inc. August 30, 2022. This project is associated with Origins project number Y208711-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com

THE NELAC INSTITUTE

ORIGINS LABORATORY, INC

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Jeb Watts
Project Number: [none]
Project: DCP - Parmlee #1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01R	Y208711-01	Water	August 30, 2022 13:38	08/30/2022 15:55
MW-02R	Y208711-02	Water	August 30, 2022 13:09	08/30/2022 15:55
MW-05R	Y208711-03	Water	August 30, 2022 14:01	08/30/2022 15:55
MW-06	Y208711-04	Water	August 30, 2022 13:25	08/30/2022 15:55

Origins Laboratory, Inc.

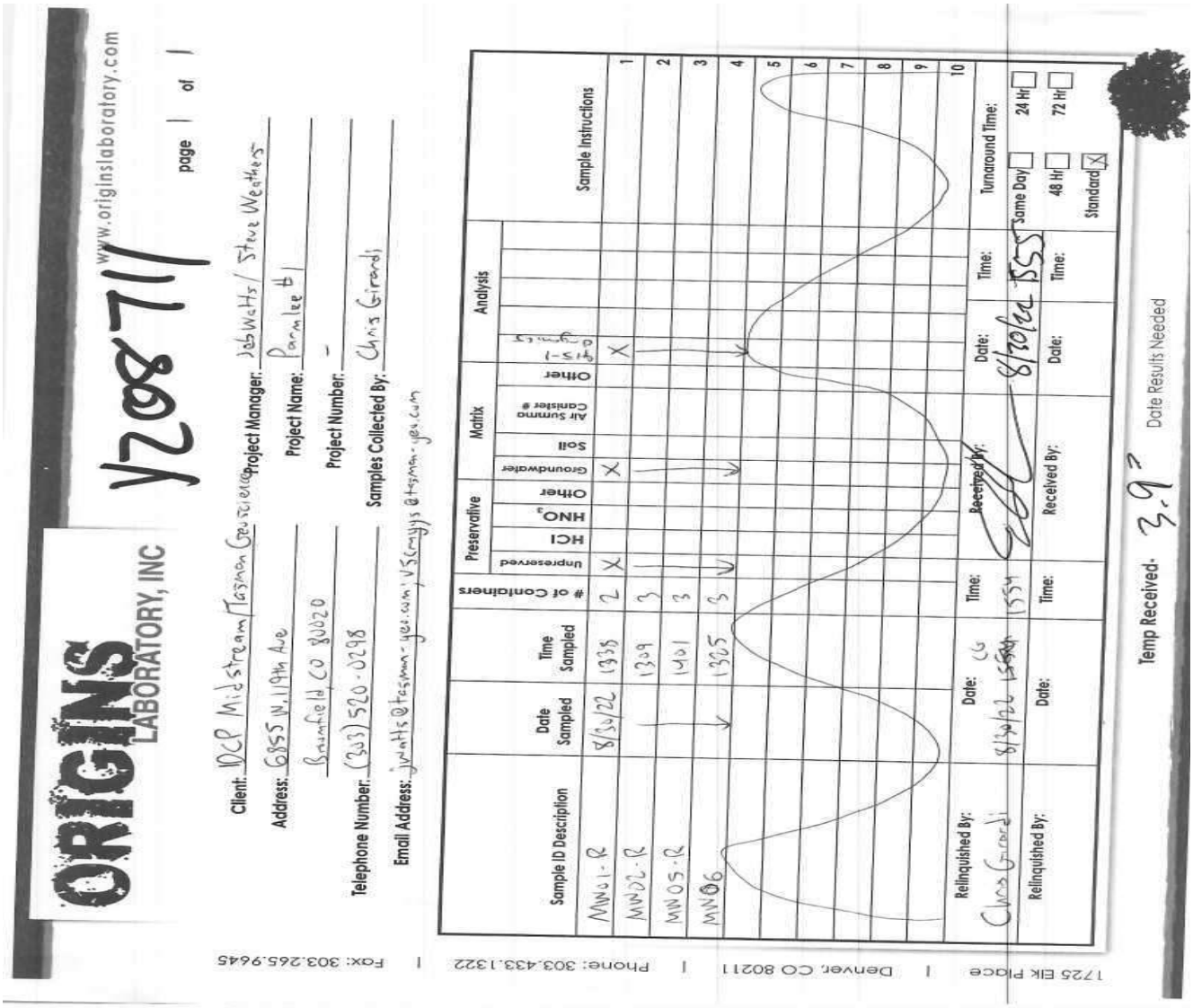
The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jordan A. Bynon For Jen Pellegrini, Project Manager

ORIGINS LABORATORY, INC

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Jeb Watts
Project Number: [none]
Project: DCP - Parmlee #1



Origins Laboratory, Inc.

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.

Jordan A. Bynon For Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Jeb Watts
Project Number: [none]
Project: DCP - Parmlee #1

Origins Laboratory

F-012207-01-R1
Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: Y208711
Client: Tasman
Client Project ID: Parmlee #1

Checklist Completed by: [illegible]
Date/time completed: 8/30/22
Shipped Via: (UPS, FedEx, Hand Delivered, Pick-up, etc.)
Airbill #:

Matrix(s) Received: (Check all that apply): ~~Soil/Solid~~ Water Other: (Describe)

Cooler Number/Temperature: 1 / 3.4 °C / °C / °C / °C

Thermometer ID: T0004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C[1]?	X			
Is there ice present (document if blue ice is used)	L			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		q		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		q		
Were all samples received intact[1]?	q			
Was adequate sample volume provided[1]?	q			
Are short holding time analytes or samples with HTs due within 48 hours present[1]?		q		
Is a chain-of-custody (COC) present and filled out completely[1]?	q			
Does the COC agree with the number and type of sample bottles received[1]?	q			
Do the sample IDs on the bottle labels match the COC[1]?	q			
Is the COC properly relinquished by the client with date and time recorded[1]?	q			
For volatiles in water – is there headspace (> ¼ inch bubble) present? **If yes, contact client and note in narrative.**	~~X~~ NA	X	~~X~~ NA	
Are samples preserved that require preservation and was it checked [1]? *(note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)*		q	~~X~~ NA	
Additional Comments (if any):				

[1]If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager)

8/31/22
Date/Time Reviewed

Origins Laboratory, Inc.

JByron

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.

Jordan A. Bynon For Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Jeb Watts
Project Number: [none]
Project: DCP - Parmlee #1

MW-01R
8/30/2022 1:38:00PM

Origins Laboratory, Inc.
Y208711-01 (Water)

BTEX+N+TMBs by 8260D

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B2H3130	JMA	08/31/2022	09/02/2022	U
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	JMA	"	"	U
Benzene	ND	1.00	"	"	"	JMA	"	"	U
Ethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Naphthalene	ND	2.00	"	"	"	JMA	"	"	U
Toluene	ND	1.00	"	"	"	JMA	"	"	U
Xylenes, total	ND	1.00	"	"	"	JMA	"	"	U
Surrogate: 1,2-Dichloroethane-d4	*100 %*	*70-130*			"		"	"	
Surrogate: Toluene-d8	*102 %*	*70-130*			"		"	"	
Surrogate: 4-Bromofluorobenzene	*94.9 %*	*70-130*			"		"	"	

Origins Laboratory, Inc.

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.

Jordan A. Bynon For Jen Pellegrini, Project Manager

ORIGINS LABORATORY, INC

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Jeb Watts
Project Number: [none]
Project: DCP - Parmlee #1

MW-02R
8/30/2022 1:09:00PM

Origins Laboratory, Inc.
Y208711-02 (Water)

BTEX+N+TMBs by 8260D

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B2H3130	JMA	08/31/2022	09/02/2022	U
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	JMA	"	"	U
Benzene	ND	1.00	"	"	"	JMA	"	"	U
Ethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Naphthalene	ND	2.00	"	"	"	JMA	"	"	U
Toluene	ND	1.00	"	"	"	JMA	"	"	U
Xylenes, total	ND	1.00	"	"	"	JMA	"	"	U
Surrogate: 1,2-Dichloroethane-d4	*102 %*	*70-130*			"		"	"	
Surrogate: Toluene-d8	*100 %*	*70-130*			"		"	"	
Surrogate: 4-Bromofluorobenzene	*93.4 %*	*70-130*			"		"	"	

Origins Laboratory, Inc.

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Jordan A. Bynon For Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Jeb Watts
Project Number: [none]
Project: DCP - Parmlee #1

MW-05R
8/30/2022 2:01:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
Origins Laboratory, Inc.									
Y208711-03 (Water)									
BTEX+N+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B2H3130	JMA	08/31/2022	09/02/2022	U
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	JMA	"	"	U
Benzene	ND	1.00	"	"	"	JMA	"	"	U
Ethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Naphthalene	ND	2.00	"	"	"	JMA	"	"	U
Toluene	ND	1.00	"	"	"	JMA	"	"	U
Xylenes, total	ND	1.00	"	"	"	JMA	"	"	U
Surrogate: 1,2-Dichloroethane-d4	*102 %*	*70-130*			"		"	"	
Surrogate: Toluene-d8	*102 %*	*70-130*			"		"	"	
Surrogate: 4-Bromofluorobenzene	*97.6 %*	*70-130*			"		"	"	

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Jordan A. Bynon For Jen Pellegrini, Project Manager

ORIGINS LABORATORY, INC

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Jeb Watts
Project Number: [none]
Project: DCP - Parmlee #1

MW-06
8/30/2022 1:25:00PM

Origins Laboratory, Inc.
Y208711-04 (Water)

BTEX+N+TMBs by 8260D

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B2H3130	JMA	08/31/2022	09/02/2022	U
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	JMA	"	"	U
Benzene	ND	1.00	"	"	"	JMA	"	"	U
Ethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Naphthalene	ND	2.00	"	"	"	JMA	"	"	U
Toluene	ND	1.00	"	"	"	JMA	"	"	U
Xylenes, total	ND	1.00	"	"	"	JMA	"	"	U
Surrogate: 1,2-Dichloroethane-d4	*102 %*	*70-130*			"		"	"	
Surrogate: Toluene-d8	*102 %*	*70-130*			"		"	"	
Surrogate: 4-Bromofluorobenzene	*95.2 %*	*70-130*			"		"	"	

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Jeb Watts
Project Number: [none]
Project: DCP - Parmlee #1

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2H3130 - EPA 5030B (Water)										
Blank (B2H3130-BLK1)					Prepared: 08/31/2022 Analyzed: 09/02/2022					
1,2,4-Trimethylbenzene	ND	2.00	ug/L							U
1,3,5-Trimethylbenzene	ND	2.00	"							U
Benzene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Naphthalene	ND	2.00	"							U
Toluene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	*64*		"	*62.5*		*103*	*70-130*			
Surrogate: Toluene-d8	*64*		"	*62.5*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*60*		"	*62.5*		*95.9*	*70-130*			

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Jeb Watts
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Project: DCP - Parmlee #1

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2H3130 - EPA 5030B (Water)										
LCS (B2H3130-BS1)					Prepared: 08/31/2022 Analyzed: 09/02/2022					
1,2,4-Trimethylbenzene	44.8	2.00	ug/L	50.0		89.6	70-130			
1,3,5-Trimethylbenzene	45.0	2.00	"	50.0		89.9	70-130			
Benzene	43.8	1.00	"	50.0		87.6	70-130			
Ethylbenzene	45.9	1.00	"	50.0		91.8	70-130			
m,p-Xylene	92.8	2.00	"	100		92.8	70-130			
Naphthalene	46.2	2.00	"	50.0		92.4	70-130			
o-Xylene	47.0	1.00	"	50.0		94.1	70-130			
Toluene	44.3	1.00	"	50.0		88.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	*68*		"	*62.5*		*109*	*70-130*			
Surrogate: Toluene-d8	*64*		"	*62.5*		*103*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*58*		"	*62.5*		*92.6*	*70-130*			

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Jeb Watts
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Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2H3130 - EPA 5030B (Water)										
Matrix Spike (B2H3130-MS1)		**Source: Y208708-02**			Prepared: 08/31/2022 Analyzed: 09/02/2022					
1,2,4-Trimethylbenzene	55.1	2.00	ug/L	50.0	ND	110	70-130			
1,3,5-Trimethylbenzene	56.8	2.00	"	50.0	ND	114	70-130			
Benzene	52.4	1.00	"	50.0	ND	105	70-130			
Ethylbenzene	57.3	1.00	"	50.0	ND	115	70-130			
m,p-Xylene	116	2.00	"	100	ND	116	70-130			
Naphthalene	46.9	2.00	"	50.0	ND	93.7	70-130			
o-Xylene	55.5	1.00	"	50.0	ND	111	70-130			
Toluene	65.1	1.00	"	50.0	ND	130	70-130			
Surrogate: 1,2-Dichloroethane-d4	*61*		"	*62.5*		*98.3*	*70-130*			
Surrogate: Toluene-d8	*64*		"	*62.5*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*59*		"	*62.5*		*95.0*	*70-130*			

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Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2H3130 - EPA 5030B (Water)										
Matrix Spike Dup (B2H3130-MSD1)		**Source: Y208708-02**			Prepared: 08/31/2022 Analyzed: 09/02/2022					
1,2,4-Trimethylbenzene	52.0	2.00	ug/L	50.0	ND	104	70-130	5.67	20	
1,3,5-Trimethylbenzene	51.9	2.00	"	50.0	ND	104	70-130	8.98	20	
Benzene	50.1	1.00	"	50.0	ND	100	70-130	4.53	20	
Ethylbenzene	54.7	1.00	"	50.0	ND	109	70-130	4.70	20	
m,p-Xylene	110	2.00	"	100	ND	110	70-130	4.64	20	
Naphthalene	57.2	2.00	"	50.0	ND	114	70-130	19.9	20	
o-Xylene	55.8	1.00	"	50.0	ND	112	70-130	0.647	20	
Toluene	60.7	1.00	"	50.0	ND	121	70-130	6.99	20	
Surrogate: 1,2-Dichloroethane-d4	*60*		"	*62.5*		*95.6*	*70-130*			
Surrogate: Toluene-d8	*64*		"	*62.5*		*103*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*59*		"	*62.5*		*93.7*	*70-130*			

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Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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