

**DCP PARMLEE #1
THIRD QUARTER 2021
FORM 27 INITIAL INVESTIGATION REPORT**

ATTACHMENTS

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TABLE 1
THIRD QUARTER 2021
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)
Parm1-MW01	6/22/2021	29.78	-	-	34.06	4605.91	4,576.13	NC
Parm1-MW01	9/15/2021	29.86	-	-	34.06	4605.91	4,576.05	-0.08
Parm1-MW02	6/22/2021	30.98	-	-	33.31	4607.07	4,576.09	NC
Parm1-MW02	9/15/2021	29.61	-	-	33.31	4607.07	4,577.46	1.37
Parm1-MW03	6/22/2021	29.52	-	-	32.86	4605.68	4,576.16	NC
Parm1-MW03	9/15/2021	31.08	-	-	32.86	4605.68	4,574.60	-1.56
Parm1-MW04	6/22/2021	29.01	-	-	32.30	4604.83	4,575.82	NC
Parm1-MW04	9/15/2021	29.06	-	-	32.30	4604.83	4,575.77	-0.05
Parm1-MW05	6/22/2021	29.75	-	-	32.19	4605.65	4,575.90	NC
Parm1-MW05	9/15/2021	29.81	-	-	32.19	4605.65	4,575.84	-0.06
Average Change in Groundwater Elevation (6/22/2021 - 9/15/2021)								-0.08

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
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)	
Parm1-MW01	6/22/2021	3600	4960	978	8300	591	267	107	770	31.2	36.0	
Parm1-MW01	9/15/2021	2160	1830	326	4890	549	265	88.2	NS	NS	NS	
Parm1-MW02	6/22/2021	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<16.0	684	<31.2	40.7	
Parm1-MW02	9/15/2021	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NS	NS	NS	
Parm1-MW03	6/22/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<4.00	NS	NS	NS	
Parm1-MW03	9/15/2021	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NS	NS	NS	
Parm1-MW04	6/22/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<4.00	NS	NS	NS	
Parm1-MW04	9/15/2021	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00	NS	NS	NS	
Parm1-MW05	6/22/2021	80.9	<1.00	5.43	320	166	163	24.6	850	38.7	<31.2	
Parm1-MW05	9/15/2021	7.34	<1.00	70.9	<1.00	<1.00	32.8	22.1	NS	NS	NS	

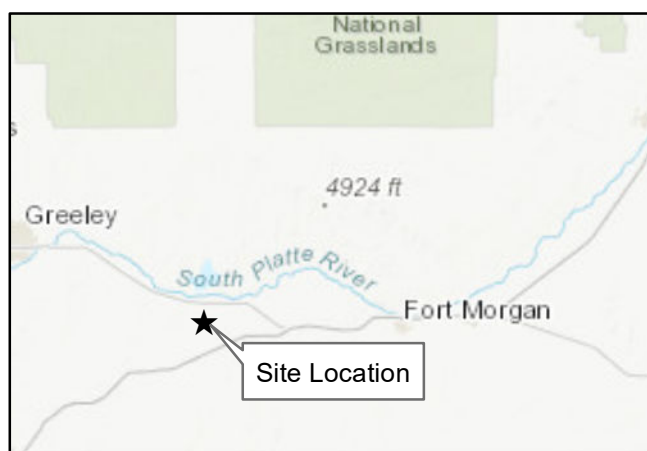
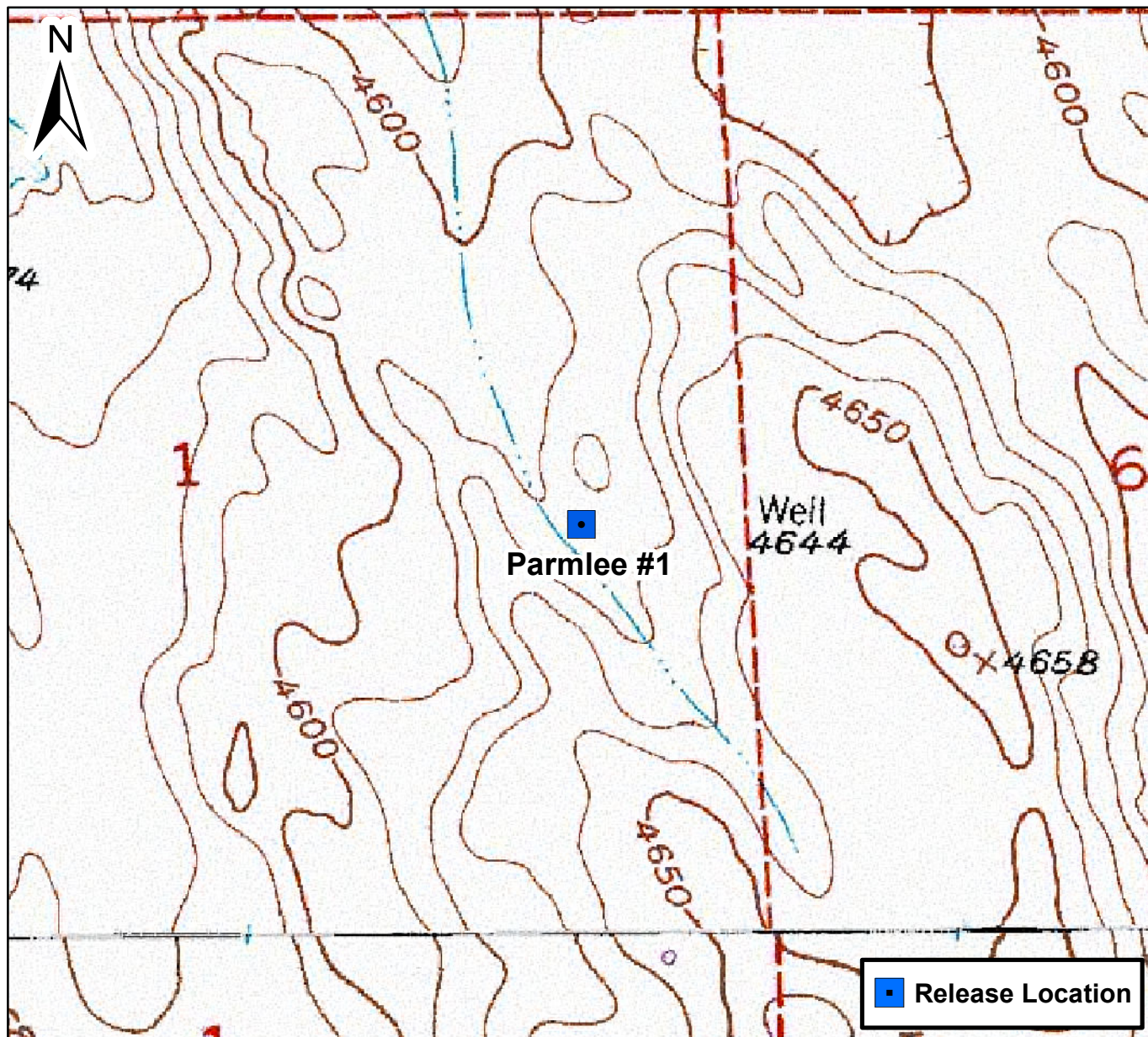
Notes:

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



0 750 1,500 Feet

Figure 1

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





DATE:	July 2021
DESIGNED BY:	B. Humphrey
DRAWN BY:	C. Ambler



TASMAN
GEOSCIENCES

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

DCP Midstream
Parmlee #1
S1 T3N R62W
Weld, Colorado

Site Overview Map

Figure
2



DATE: September 2021

DESIGNED BY:
B. Humphrey

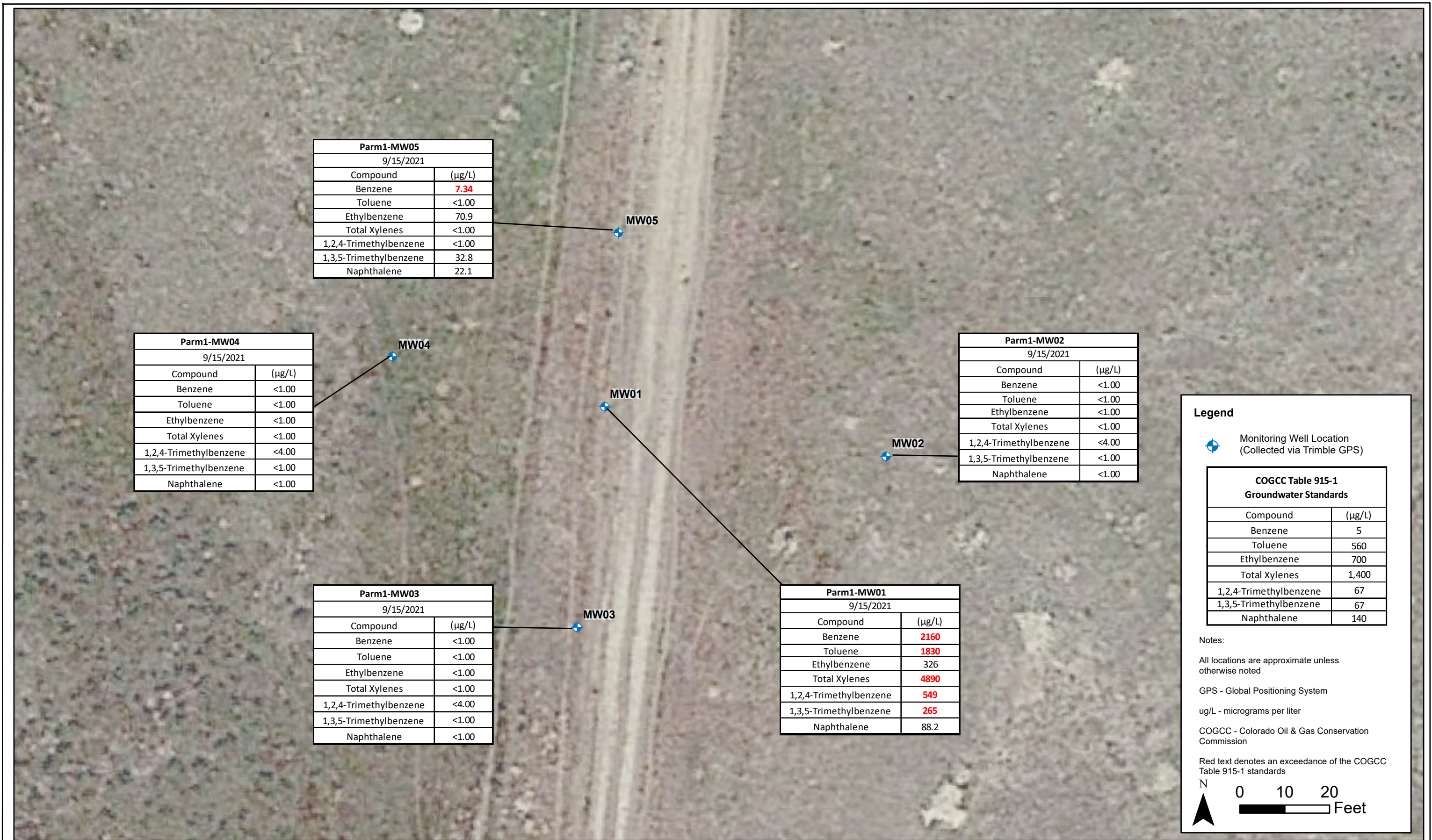
DRAWN BY:
C. Ambler



**DCP Midstream
Parmlee #1
S1 T3N R62W
Weld, Colorado**

**Groundwater Elevation
Contour Map
(September 15, 2021)**

**Figure
3**



DATE: September 2021

DESIGNED BY:
B. Humphrey

DRAWN BY:
C. Ambler



**DCP Midstream
Parmlee #1
S1 T3N R62W
Weld, Colorado**

**Groundwater Analytical
Results Map
(September 15, 2021)**

**Figure
4**



DATE: July 2021	 <div>Tasman Geosciences, Inc. 6855 W. 119th Ave Broomfield, CO 80020</div>	DCP Midstream Parmlee #1 S1 T3N R62W Weld, Colorado	Estimated Excavation Extent	Figure 5
DESIGNED BY: B. Humphrey				
DRAWN BY: C. Ambler				



September 22, 2021

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. September 15, 2021. This project is associated with Origins project number Y109284-01.

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



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

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
Parm 1-MW01	Y109284-01	Water	September 15, 2021 10:11	09/15/2021 14:35
Parm 1-MW02	Y109284-02	Water	September 15, 2021 10:15	09/15/2021 14:35
Parm 1-MW03	Y109284-03	Water	September 15, 2021 10:28	09/15/2021 14:35
Parm 1-MW04	Y109284-04	Water	September 15, 2021 9:49	09/15/2021 14:35
Parm 1-MW05	Y109284-05	Water	September 15, 2021 9:45	09/15/2021 14:35

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.

Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

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

ORIGINS

LABORATORY, INC

11/09/284


www.originslaboratory.com

page 1 of 1

Client: DCP/Tasman
Address: 6855 W. 119th Ave. Broomfield CO 80020
Telephone Number: 303-487-1228
Email Address: jwatts@tasman-geo.com; vscruugs@tasman-geo.com; cecole@dcpmidstream.com

Project Manager: Jeb Watts / Cecole
Project Name: Parmlee #1
Project Number: -
Samples Collected By: VS + JM

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative					Matrix			Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Sampling #	Other		
Parm 1 - M401	09/15/11	10:11	3	X				X				Talk 9/15/11 Origins	1
Parm 1 - M402		10:15	3	X				X					2
Parm 1 - M403		10:18	3	X				X					3
Parm 1 - M404		09:49	3	X				X					4
Parm 1 - M405		09:45	3	X				X					5
													6
													7
													8
													9
													10

Relinquished By: Jacks in M. L. Smith	Date: 9/15/2011	Time:	Received By: 	Date: 9/15/21	Time: 1435	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input checked="" type="checkbox"/>
	Relinquished By:	Date:	Time:	Received By:	Date:	

Relinquished By: J. Watts / M. Watts
Date: 09/15/2011
Time: 11:45
Received By: [Signature]
Date: 09/15/11
Time: 1435
Turnaround Time: Same Day ☐ 24 Hr ☐ 48 Hr ☐ 72 Hr ☐ Standard ☒

Date Results Needed

18.1

Origins Laboratory, Inc.

Jefe Pellegrini

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 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: Y109284 Client: Tasman
Client Project ID: Parmlee #1

Checklist Completed by: JG Shipped Via: HD
Date/time completed: 9/15/21 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
Airbill #: N/A

Matrix(s) Received: (Check all that apply): Soil/Solid ☒ Water ☐ Other: _____
Cooler Number/Temperature: 1/18.1 °C 1 °C 1 °C 1 °C (Describe)
Thermometer ID: T003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?				
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<u>Same Day</u>
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.		<input checked="" type="checkbox"/>		
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 HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)		<input checked="" type="checkbox"/>		
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: Jm (Project Manager) Date/Time Reviewed: 9-16-21

Origins Laboratory, Inc.

Jefe Pellegrini

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 West 119th Avenue
Broomfield CO 80020

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

Parm 1-MW01

9/15/2021 10:11:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y109284-01 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	549	4.00	ug/L	4	B111612	KDK	09/16/2021	09/19/2021	
1,3,5-Trimethylbenzene	265	4.00	"	"	"	KDK	"	"	
Benzene	2160	50.0	"	50	"	KDK	"	09/22/2021	
Ethylbenzene	326	50.0	"	"	"	KDK	"	"	
Naphthalene	88.2	16.0	"	4	"	KDK	"	09/19/2021	
Toluene	1830	50.0	"	50	"	KDK	"	09/22/2021	
Xylenes, total	4890	50.0	"	"	"	KDK	"	"	

Surrogate: 1,2-Dichloroethane-d4	91.0 %	70-130			"	"	09/19/2021	
Surrogate: Toluene-d8	105 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	99.5 %	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.

Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

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

Parm 1-MW02

9/15/2021 10:15:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y109284-02 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	B111612	KDK	09/16/2021	09/19/2021	U
1,3,5-Trimethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Benzene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Naphthalene	ND	4.00	"	"	"	KDK	"	"	U
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	91.1 %	70-130	"	"	"
Surrogate: Toluene-d8	102 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	99.5 %	70-130	"	"	"

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

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

Parm 1-MW03

9/15/2021 10:28:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y109284-03 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	B111612	KDK	09/16/2021	09/19/2021	U
1,3,5-Trimethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Benzene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Naphthalene	ND	4.00	"	"	"	KDK	"	"	U
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	90.6 %	70-130	"	"	"
Surrogate: Toluene-d8	102 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	99.7 %	70-130	"	"	"

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

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

Parm 1-MW04
9/15/2021 9:49:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y109284-04 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	B111612	KDK	09/16/2021	09/19/2021	U
1,3,5-Trimethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Benzene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Naphthalene	ND	4.00	"	"	"	KDK	"	"	U
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	91.8 %	70-130	"	"	"
Surrogate: Toluene-d8	103 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	99.1 %	70-130	"	"	"

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

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

Parm 1-MW05
9/15/2021 9:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y109284-05 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	B111612	KDK	09/16/2021	09/19/2021	U
1,3,5-Trimethylbenzene	32.8	1.00	"	"	"	KDK	"	"	
Benzene	7.34	1.00	"	"	"	KDK	"	"	
Ethylbenzene	70.9	10.0	"	10	"	KDK	"	09/22/2021	
Naphthalene	22.1	4.00	"	1	"	KDK	"	09/19/2021	
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	83.5 %	70-130	"	"	"
Surrogate: Toluene-d8	104 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	99.6 %	70-130	"	"	"

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

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 B111612 - EPA 5030B (Water)										
Blank (B111612-BLK1)					Prepared: 09/16/2021 Analyzed: 09/19/2021					
1,2,4-Trimethylbenzene	ND	1.00	ug/L							U
1,3,5-Trimethylbenzene	ND	1.00	"							U
Benzene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Naphthalene	ND	4.00	"							U
Toluene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	57		"	62.5		90.6	70-130			
Surrogate: Toluene-d8	64		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.4	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.

Jen Pellegrini, Project Manager

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 B111612 - EPA 5030B (Water)										
LCS (B111612-BS1)					Prepared: 09/16/2021 Analyzed: 09/19/2021					
1,2,4-Trimethylbenzene	47.9	1.00	ug/L	50.0		95.9	70-130			
1,3,5-Trimethylbenzene	49.8	1.00	"	50.0		99.6	70-130			
Benzene	46.4	1.00	"	50.0		92.9	70-130			
Ethylbenzene	50.2	1.00	"	50.0		100	70-130			
m,p-Xylene	97.9	2.00	"	100		97.9	70-130			
Naphthalene	50.5	4.00	"	50.0		101	70-130			
o-Xylene	47.4	1.00	"	50.0		94.8	70-130			
Toluene	48.5	1.00	"	50.0		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	58		"	62.5		92.5	70-130			
Surrogate: Toluene-d8	65		"	62.5		104	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		98.0	70-130			

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

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
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Batch B111612 - EPA 5030B (Water)

Matrix Spike (B111612-MS1)		Source: Y109284-02			Prepared: 09/16/2021 Analyzed: 09/19/2021					
1,2,4-Trimethylbenzene	51.3	1.00	ug/L	50.0	0.390	102	70-130			
1,3,5-Trimethylbenzene	53.7	1.00	"	50.0	ND	107	70-130			
Benzene	48.4	1.00	"	50.0	ND	96.9	70-130			
Ethylbenzene	53.6	1.00	"	50.0	0.210	107	70-130			
m,p-Xylene	104	2.00	"	100	1.36	103	70-130			
Naphthalene	47.7	4.00	"	50.0	0.750	93.8	70-130			
o-Xylene	51.7	1.00	"	50.0	0.420	103	70-130			
Toluene	51.8	1.00	"	50.0	0.320	103	70-130			
Surrogate: 1,2-Dichloroethane-d4	57		"	62.5		91.2	70-130			
Surrogate: Toluene-d8	66		"	62.5		105	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.6	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 B111612 - EPA 5030B (Water)										
Matrix Spike Dup (B111612-MSD1)	Source: Y109284-02				Prepared: 09/16/2021 Analyzed: 09/19/2021					
1,2,4-Trimethylbenzene	55.1	1.00	ug/L	50.0	0.390	109	70-130	7.16	20	
1,3,5-Trimethylbenzene	56.2	1.00	"	50.0	ND	112	70-130	4.62	20	
Benzene	52.1	1.00	"	50.0	ND	104	70-130	7.28	20	
Ethylbenzene	57.1	1.00	"	50.0	0.210	114	70-130	6.25	20	
m,p-Xylene	111	2.00	"	100	1.36	110	70-130	6.03	20	
Naphthalene	55.7	4.00	"	50.0	0.750	110	70-130	15.5	20	
o-Xylene	55.3	1.00	"	50.0	0.420	110	70-130	6.77	20	
Toluene	54.6	1.00	"	50.0	0.320	109	70-130	5.25	20	
Surrogate: 1,2-Dichloroethane-d4	59		"	62.5		94.1	70-130			
Surrogate: Toluene-d8	65		"	62.5		104	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		98.3	70-130			

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Project: DCP - Parmlee #1

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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