

SITE INFORMATION

Closure Report
Sandra Jean West CTB (02.26.2025)
Incident ID: NAPP2505769942
Lea County, New Mexico
Unit N, Sec 23, T20S, R33E
32.553702°, -103.637276°

Produced Water and Crude Oil Release Point of Release: Equipment Failure Release Date: 02.26.2025

Volume Released: 4 Barrels of Crude Oil and 10 Barrels of Produced Water Volume Recovered: 4 Barrels of Crude Oil and 9 Barrels of Produced Water

CARMONA RESOURCES



Prepared for: Coterra Energy Operating Co. 6001 Deauville Blvd. Suite 300N Midland, Texas 79706

Prepared by: Carmona Resources, LLC 310 West Wall Street Suite 500 Midland, Texas 79701

> 310 West Wall Street, Suite 500 Midland TX, 79701 432.813.1992



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 ASSESSMENT ACTIVITIES

5.0 REMEDIATION ACTIVITIES

6.0 LINER INSPECTION ACTIVITIES

7.0 CONCLUSIONS

FIGURES

FIGURE 1 OVERVIEW FIGURE 2 TOPOGRAPHIC

FIGURE 3 SAMPLE LOCATION FIGURE 4 EXCAVATION DEPTH

FIGURE 5 LINER INSPECTION

APPENDICES

APPENDIX A TABLES

APPENDIX B PHOTOS

APPENDIX C NMOCD CORRESPONDENCE

APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORTS

June 5, 2025

New Mexico Oil Conservation District 1220 South St, Francis Drive Santa Fe, NM 87505

Re: Closure Report

Sandra Jean West CTB (02.26.2025) Incident ID: NAPP2505769942 Coterra Energy Operating Co. Site Location: Unit N, S23, T20S, R33E

32.553702°, -103.637276°

Lea County, New Mexico

To whom it may concern:

On behalf of Coterra Energy Operating Co. (Coterra, formerly known as Avant Operating, LLC) Carmona Resources LLC, has prepared this letter to document the site assessment and remediation activities for the Sandra Jean West CTB release. The site is located at 32.553702°, -103.637276° within Unit N, S23, T20S, R33E in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on February 26, 2025, due to equipment failure when the tank radars failed to read accurate levels, which resulted in the tanks overflowing. It resulted in approximately four (4) barrels of crude oil and ten (10) barrels of produced water to be released, with four (4) barrels of crude oil and nine barrels of produced water recovered. The release area was approximately 1,686 square feet. The spill boundaries are shown in Figure 3. The Notification of Release and Initial C-141 forms are attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest well is approximately 1.18 miles Northeast of the site in S24, T20S, R33E, and was drilled in 1976. The well has a reported depth to groundwater of 173.99 feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing and remediating the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.



4.0 Site Assessment Activities

Initial Assessment

On April 24, 2025, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of three (3) sample points (S-1 through S-3), and four (4) horizontal sample points (H-1 through H-4) were installed to total depths ranging from surface to 4.0 ft bgs. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and Chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

Vertical delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

Horizontal Delineation

Horizontal delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

5.0 Remediation Activities

On May 29, 2025, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on May 21, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The areas of S-1 through S-3 were excavated to a depth of 1.5 ft bgs. A total of fourteen (14) confirmation floor samples (CS-1 through CS-14) and eight (8) sidewall samples (SW-1 through SW-8) were collected every 200 square feet to ensure the proper removal of the contaminated soils. For chemical analysis, the soil samples were collected and placed into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico accordance with established chain-of-custody protocols All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and Chloride concentrations. Refer to Table 1. The excavation depths and confirmation sample locations are shown in Figure 3.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. A composite sample of the backfill material was collected for laboratory analysis on May 30, 2025, before being utilized. The backfill material was sourced from the Lea Land Disposal. Refer to Table 2. Approximately 1,686 sq ft of contamination was remediated, resulting in 94 cubic yards of material excavated and transported offsite for proper disposal.



6.0 Liner Inspection Activities

Before conducting the liner inspection, a crew was onsite to remove all freestanding fluids within the facility. Once the lined containment was thoroughly cleaned, the NMOCD division office was notified via NMOCD portal on June 4, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. On June 9, 2025, Coterra conducted liner inspection activities and confirmed that the liner was intact with no integrity issues Refer to the Photolog in Appendix B.

7.0 Conclusions

Based on the assessment and analytical data from the remediation and the liner inspection throughout the facility, no further actions are required at the site. Coterra formally requests the closure of the spill. The entire area will be reclaimed and revegetated during normal P/A activities per NMAC 19.15.29.13. If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,

Carmona Resources, LLC

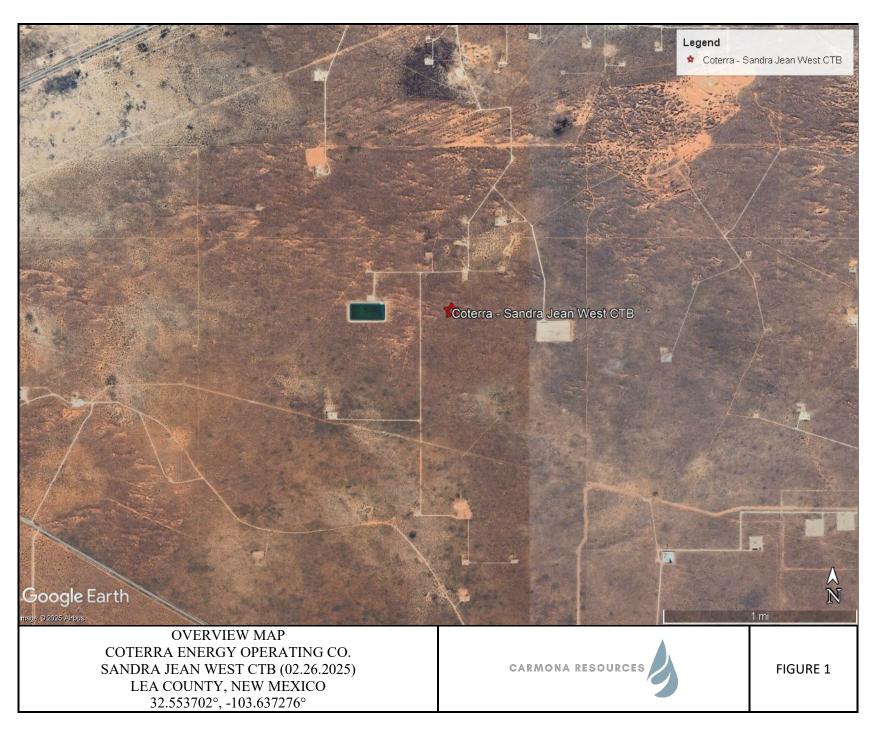
Ashton Thielke

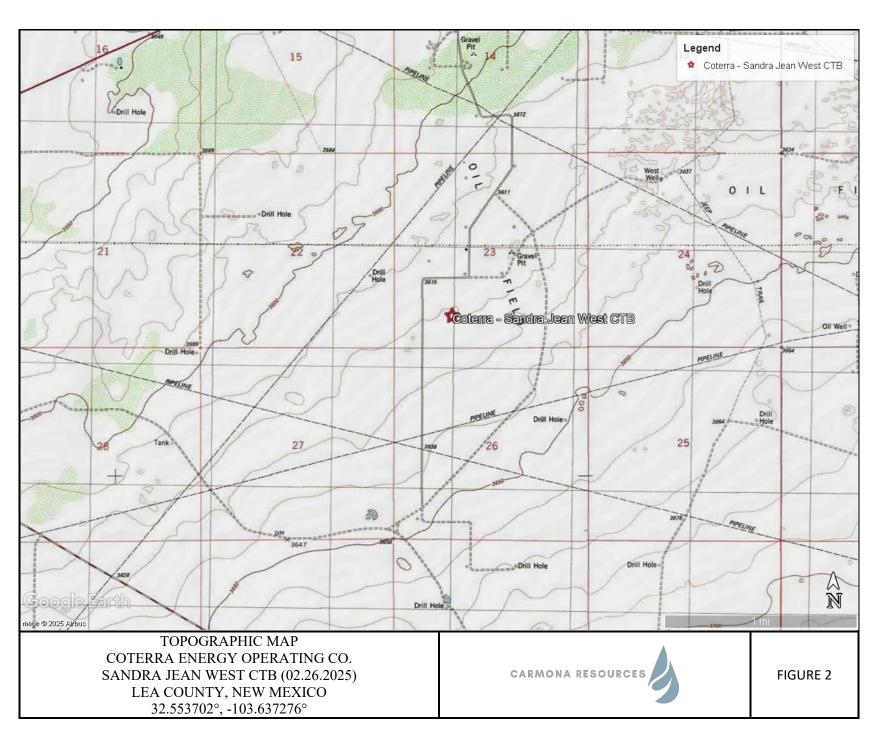
Environmental Manager

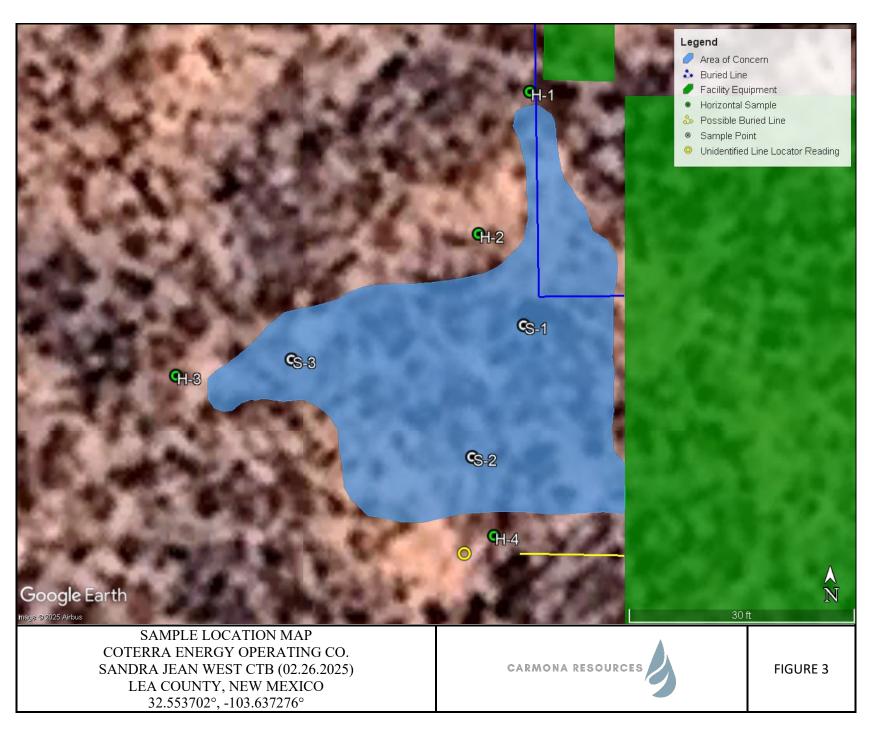
Gilbert Priego Project Manager

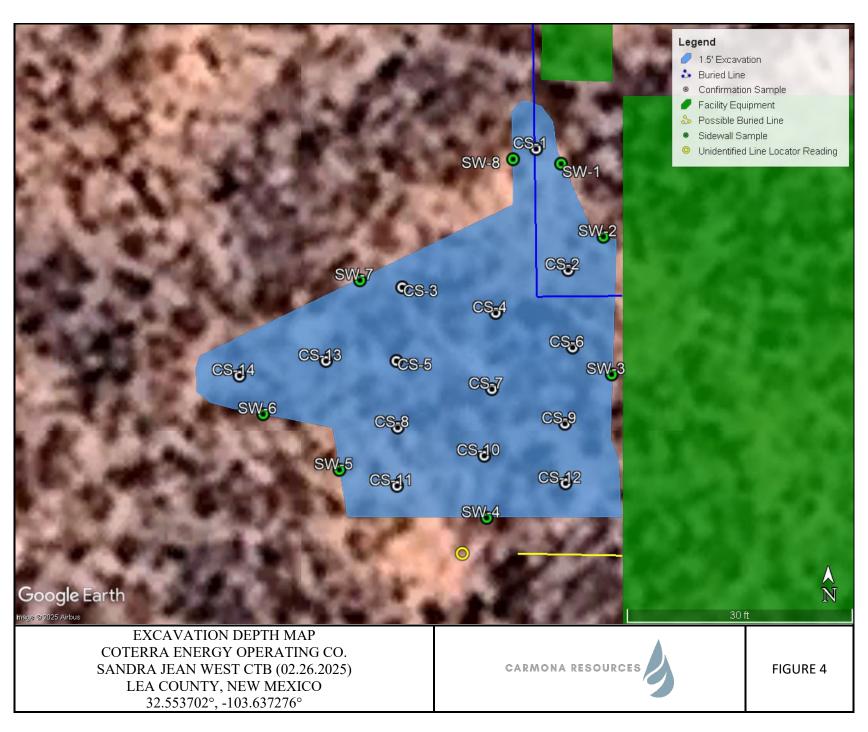
FIGURES

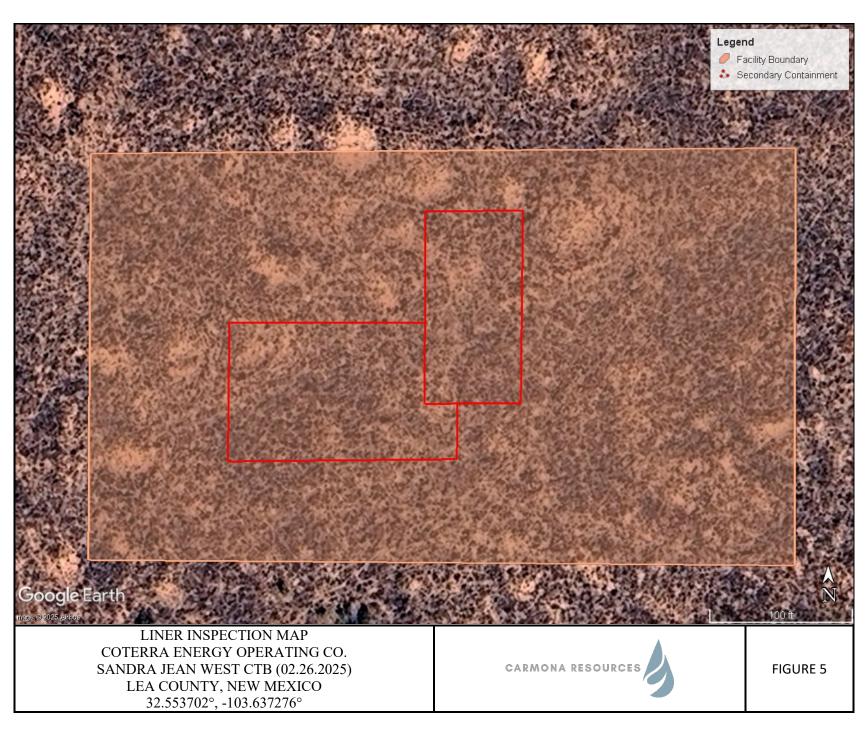
CARMONA RESOURCES











APPENDIX A

CARMONA RESOURCES

Table 1
Coterra Energy Operating Co.
Sandra Jean West CTB (02.26.2025)
Lea County, New Mexico

Ozwala ID	Dete	D 41- (54)		TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
	4/24/2025	0-1.0'	<498	3,390	<498	3,390	0.0240	0.366	0.256	0.882	1.53	220
S-1	"	1.5'	<50.0	53.4	<50.0	53.4	<0.00202	0.00313	<0.00202	0.00629	0.00942	69.8
3-1	"	2.0'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	74.1
	"	3.0'	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	98.6
	4/24/2025	0-1.0'	<50.1	408	<50.1	408	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	119
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00202	<0.00404	<0.00404	72.8
S-2	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	86.1
	"	3.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	74.0
	4/24/2025	0-1.0'	984	5,600	<252	6,580	0.00242	0.257	2.56	9.99	12.8	135
	"	1.5'	<50.1	74.6	<50.1	74.6	<0.00202	0.00242	0.00806	0.0316	0.0421	92.5
S-3	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	89.2
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	83.6
	"	4.0'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	83.3
Regulato	ory Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons

ft - feet

(S) - Sample Point

Removed

Table 1
Coterra Energy Operating Co.
Sandra Jean West CTB (02.26.2025)
Lea County, New Mexico

0	5.4	D (1) (6)		TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
H-1	4/24/2025	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	95.1
H-2	4/24/2025	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	124
H-3	4/24/2025	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	97.3
H-4	4/24/2025	0-0.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	95.8
Regulato	ory Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons ft - feet (H) - Horizontal Sample

Table 2
Coterra Energy Operating Co.
Sandra Jean West CTB (02.26.2025)
Lea County, New Mexico

Sample ID	Date	Donth (ft)		TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Salliple ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-1	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-2	5/29/2025	1.5	<10.0	32.1	<10.0	32.1	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-3	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-4	5/29/2025	1.5	<10.0	32.1	<10.0	32.1	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-5	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-6	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-7	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-8	5/29/2025	1.5	<10.0	12.1	<10.0	12.1	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-9	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-10	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-11	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-12	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-13	5/29/2025	1.5	<10.0	12.7	<10.0	12.7	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-14	5/29/2025	1.5	<10.0	11.6	<10.0	11.6	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-1	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-2	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-3	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-4	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-5	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-6	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-7	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-8	5/29/2025	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Lea Land - Backfill	5/30/2025	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
Regulator	ry Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons ft - feet (CS) - Confirmation Sample (SW) - Sidewall Sample

APPENDIX B

CARMONA RESOURCES

Coterra Energy Operating Co.

Photograph No. 1

Facility: Sandra Jean West CTB

(02.26.2025)

County: Lea County, New Mexico

Description:

View South, area of CS-1 through CS-12.



Photograph No. 2

Facility: Sandra Jean West CTB

(02.26.2025)

County: Lea County, New Mexico

Description:

View North, area of CS-1 through CS-12.



Photograph No. 3

Facility: Sandra Jean West CTB

(02.26.2025)

County: Lea County, New Mexico

Description:

View Northwest, area of CS-1 through CS-12.





Coterra Energy Operating Co.

Photograph No. 4

Facility: Sandra Jean West CTB

(02.26.2025)

County: Lea County, New Mexico

Description:

View East, area of CS-13 through CS-14.



Photograph No. 5

Facility: Sandra Jean West CTB

(02.26.2025)

County: Lea County, New Mexico

Description:

View East, Backfilled area



Photograph No. 6

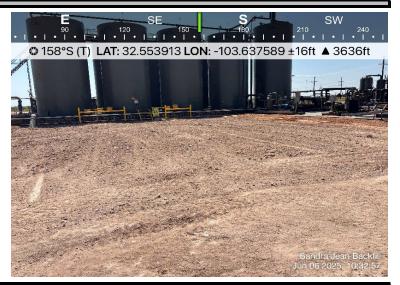
Facility: Sandra Jean West CTB

(02.26.2025)

County: Lea County, New Mexico

Description:

View South, Backfilled area





Coterra Energy Operating Co.

Photograph No. 7

Facility: Sandra Jean West CTB

(02.26.2025)

County: Lea County, New Mexico

Description:

View South, Backfilled area



Photograph No. 8

Facility: Sandra Jean West CTB

(02.26.2025)

County: Lea County, New Mexico

Description:

View Northwest of lined containment.



Photograph No. 9

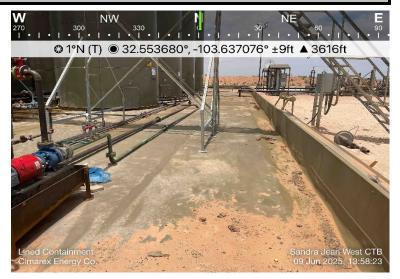
Facility: Sandra Jean West CTB

(02.26.2025)

County: Lea County, New Mexico

Description:

View North of lined containment.





Coterra Energy Operating Co.

Photograph No. 10

Facility: Sandra Jean West CTB

(02.26.2025)

County: Lea County, New Mexico

Description:

View South of lined containment.



Photograph No. 11

Facility: Sandra Jean West CTB

(02.26.2025)

County: Lea County, New Mexico

Description:

View West of lined containment.



Photograph No. 12

Facility: Sandra Jean West CTB

(02.26.2025)

County: Lea County, New Mexico

Description:

View East of lined containment.





APPENDIX C

CARMONA RESOURCES

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 435971

QUESTIONS

Operator:	OGRID:
Avant Operating, LLC	330396
1515 Wynkoop Street	Action Number:
Denver, CO 80202	435971
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source				
Please answer all the questions in this group.				
Site Name	Sandra Jean West CTB			
Date Release Discovered	02/26/2025			
Surface Owner	Federal			

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

ature and Volume of Release	
laterial(s) released, please answer all that apply below. Any calculations or specific justifications	for the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Tank (Any) Crude Oil Released: 4 BBL Recovered: 4 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Tank (Any) Produced Water Released: 10 BBL Recovered: 9 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	The tank radars were registering inaccurate levels. This prevented the water transfer pump from kicking on and transferring water from the tanks. As a result, the water tanks over-ran out of the thief hatch and into the lined containment. A total of 13 barrels was released into the lined containment and an estimated 1.5 barrels over-sprayed onto the facility pad due to the wind. Vac trucks recovered all fluids from the lined containment. Impacted soils will be remediated and a liner inspection will be scheduled in the coming weeks.

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 435971

QUESTIONS (continued)

Operator:	OGRID:
Avant Operating, LLC	330396
1515 Wynkoop Street	Action Number:
Denver, CO 80202	435971
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)				
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.			
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No			
Reasons why this would be considered a submission for a notification of a major release	Unavailable.			
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.				

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 435971

ACKNOWLEDGMENTS

ı	Operator:	OGRID:
ı	Avant Operating, LLC	330396
ı	1515 Wynkoop Street	Action Number:
ı	Denver, CO 80202	435971
ı		Action Type:
ı		[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

$\overline{\lor}$	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
V	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
~	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
14	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
V	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
✓	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 435971

CONDITIONS

Operator:	OGRID:
Avant Operating, LLC	330396
1515 Wynkoop Street	Action Number:
Denver, CO 80202	435971
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created	Condition	Condition	ı
Ву		Date	l
lluig	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	2/26/2025	



AVANT OPERATING SANDRA JEAN WEST CTB LEA, NM

5:46 Spill Calc - Lite

Rectangle or Square Shape Spill



If you need to account for tank displacement, input tank OD in the correct textbox above, along with how many tanks. If you are just calculating a rectangle or square shape just leave Tank OD and Tank Count empty.

Spill Before Disp (Bbls): 18.55

Tank Displacement Vol (Bbls): 5.22

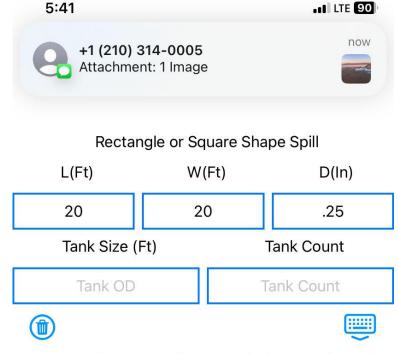
Total Spill Bbls: 13.33

Total Spill Gals: 559.82

KellyJG.net



AVANT OPERATING SANDRA JEAN WEST CTB LEA, NM



If you need to account for tank displacement, input tank OD in the correct textbox above, along with how many tanks. If you are just calculating a rectangle or square shape just leave Tank OD and Tank Count empty.

Spill Before Disp (Bbls): 1.48

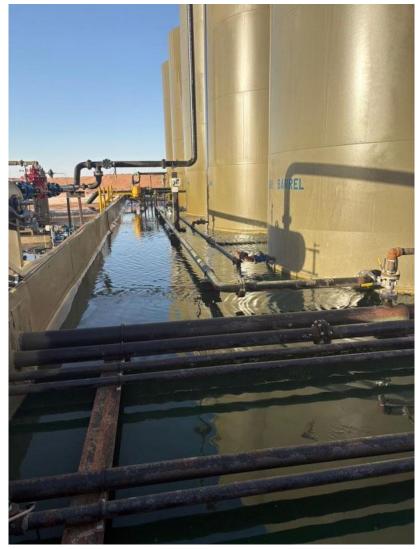
Tank Displacement Vol (Bbls): 0.00

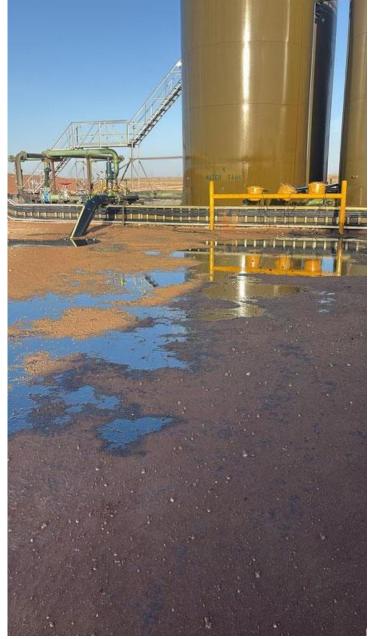
Total Spill Bbls: 1.48

Total Spill Gals: 62.33



AVANT OPERATING SANDRA JEAN WEST CTB LEA, NM





Sante Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 436050

QUESTIONS

Operator:	OGRID:
Avant Operating, LLC	330396
1515 Wynkoop Street	Action Number:
Denver, CO 80202	436050
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2505769942	
Incident Name	NAPP2505769942 SANDRA JEAN WEST CTB @ 0	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Received	
Incident Facility	[fAPP2433665921] Sandra Jean West CTB	

Location of Release Source		
Please answer all the questions in this group.		
Site Name	Sandra Jean West CTB	
Date Release Discovered	02/26/2025	
Surface Owner	Federal	

Incident Details		
Please answer all the questions in this group.		
Incident Type	Produced Water Release	
Did this release result in a fire or is the result of a fire	No	
Did this release result in any injuries	No	
Has this release reached or does it have a reasonable probability of reaching a watercourse	No	
Has this release endangered or does it have a reasonable probability of endangering public health	No	
Has this release substantially damaged or will it substantially damage property or the environment	No	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Cause: Equipment Failure Tank (Any) Crude Oil Released: 4 BBL Recovered: 4 BBL Lost: 0 BBL.	
Produced Water Released (bbls) Details	Cause: Equipment Failure Tank (Any) Produced Water Released: 10 BBL Recovered: 9 BBL Lost: 1 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	Yes	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	The tank radars were registering inaccurate levels. This prevented the water transfer pumps from kicking on and transferring water from the tanks. As a result, the water tanks over-ran out of the thief hatch and into the lined containment. A total of 13 barrels was released into the lined containment and an estimated 1.5 barrels over-sprayed onto the facility pad due to the wind. Vac trucks recovered all fluids from the lined containment. Impacted soils will be remediated and a liner inspection will be scheduled in the coming weeks.	

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 436050

QUESTIONS	/ a a satisas . a al \
しいにうけいれる	iconfinueoi

Operator: Avant Operating, LLC	OGRID: 330396
1515 Wynkoop Street	Action Number:
Denver, CO 80202	436050
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	rafety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Laci Luig Title: ES&H Specialist Email: DL_PermianEnvironmental@coterra.com Date: 02/27/2025

storage site

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 3

Action 436050

QUESTIONS (continued)

Operator:	OGRID:
Avant Operating, LLC	330396
1515 Wynkoop Street	Action Number:
Denver, CO 80202	436050
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS Site Characterization Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the What is the shallowest depth to groundwater beneath the area affected by the Not answered. release in feet below ground surface (ft bgs) What method was used to determine the depth to ground water Not answered. Did this release impact groundwater or surface water Not answered What is the minimum distance, between the closest lateral extents of the release and the following surface areas: A continuously flowing watercourse or any other significant watercourse Not answered Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) Not answered. An occupied permanent residence, school, hospital, institution, or church Not answered. A spring or a private domestic fresh water well used by less than five households Not answered. for domestic or stock watering purposes Any other fresh water well or spring Not answered. Incorporated municipal boundaries or a defined municipal fresh water well field Not answered. Not answered. A subsurface mine Not answered. An (non-karst) unstable area Not answered. Categorize the risk of this well / site being in a karst geology Not answered. A 100-year floodplain Not answered. Did the release impact areas not on an exploration, development, production, or Not answered.

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 436050

CONDITIONS

Operator:	OGRID:
Avant Operating, LLC	330396
1515 Wynkoop Street	Action Number:
Denver, CO 80202	436050
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By		Condition Date
nvelez	None	2/27/2025

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 465573

QUESTIONS

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	465573
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2505769942
Incident Name	NAPP2505769942 SANDRA JEAN WEST CTB @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2433665921] Sandra Jean West CTB

Location of Release Source	
Site Name	Sandra Jean West CTB
Date Release Discovered	02/26/2025
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	3,000	
What is the estimated number of samples that will be gathered	22	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/29/2025	
Time sampling will commence	08:00 AM	
Please provide any information necessary for observers to contact samplers	Carmona Resources (432-813-8988) will be onsite conducting confirmation sampling from 05.29.2025 to 05.30.2025	
Please provide any information necessary for navigation to sampling site	32.553702,-103.637276	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 465573

CONDITIONS

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	465573
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created B	y Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/21/2025

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 470157

QUESTIONS

ı	Operator:	OGRID:
ı	Avant Operating, LLC	330396
ı	6001 Deauville Blvd	Action Number:
ı	Midland, TX 79706	470157
ı		Action Type:
ı		[NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2505769942
Incident Name	NAPP2505769942 SANDRA JEAN WEST CTB @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2433665921] Sandra Jean West CTB

Location of Release Source	
Site Name	Sandra Jean West CTB
Date Release Discovered	02/26/2025
Surface Owner	Federal

Liner Inspection Event Information		
Please answer all the questions in this group.		
What is the liner inspection surface area in square feet	8,900	
Have all the impacted materials been removed from the liner	Yes	
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	06/09/2025	
Time liner inspection will commence	12:00 PM	
Please provide any information necessary for observers to liner inspection	Carmona Resources - 432-813-8988	
Please provide any information necessary for navigation to liner inspection site	32.553702,-103.637276 DANGEROUS H2S LEVELS AT FACILITY	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 470157

CONDITIONS

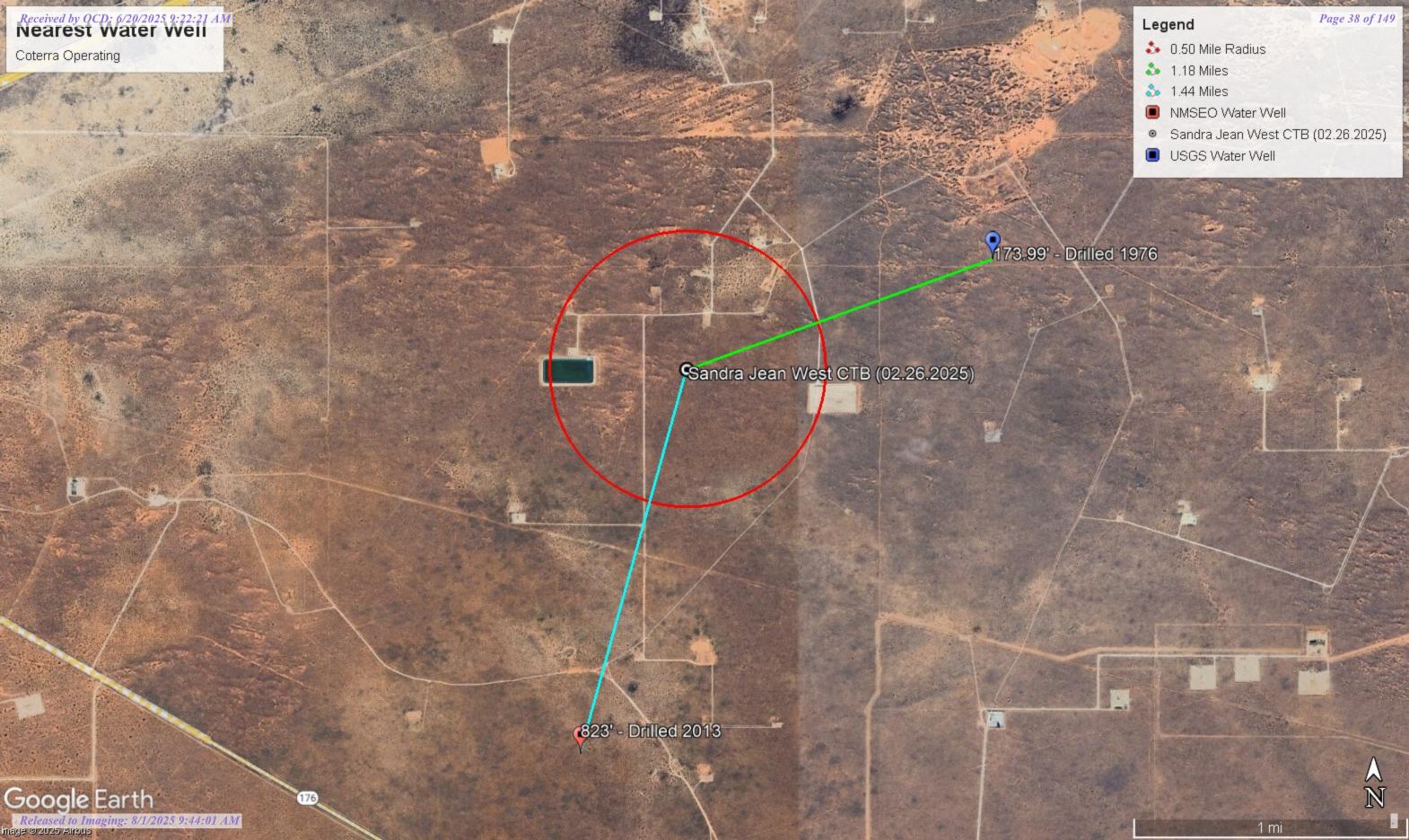
Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	470157
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

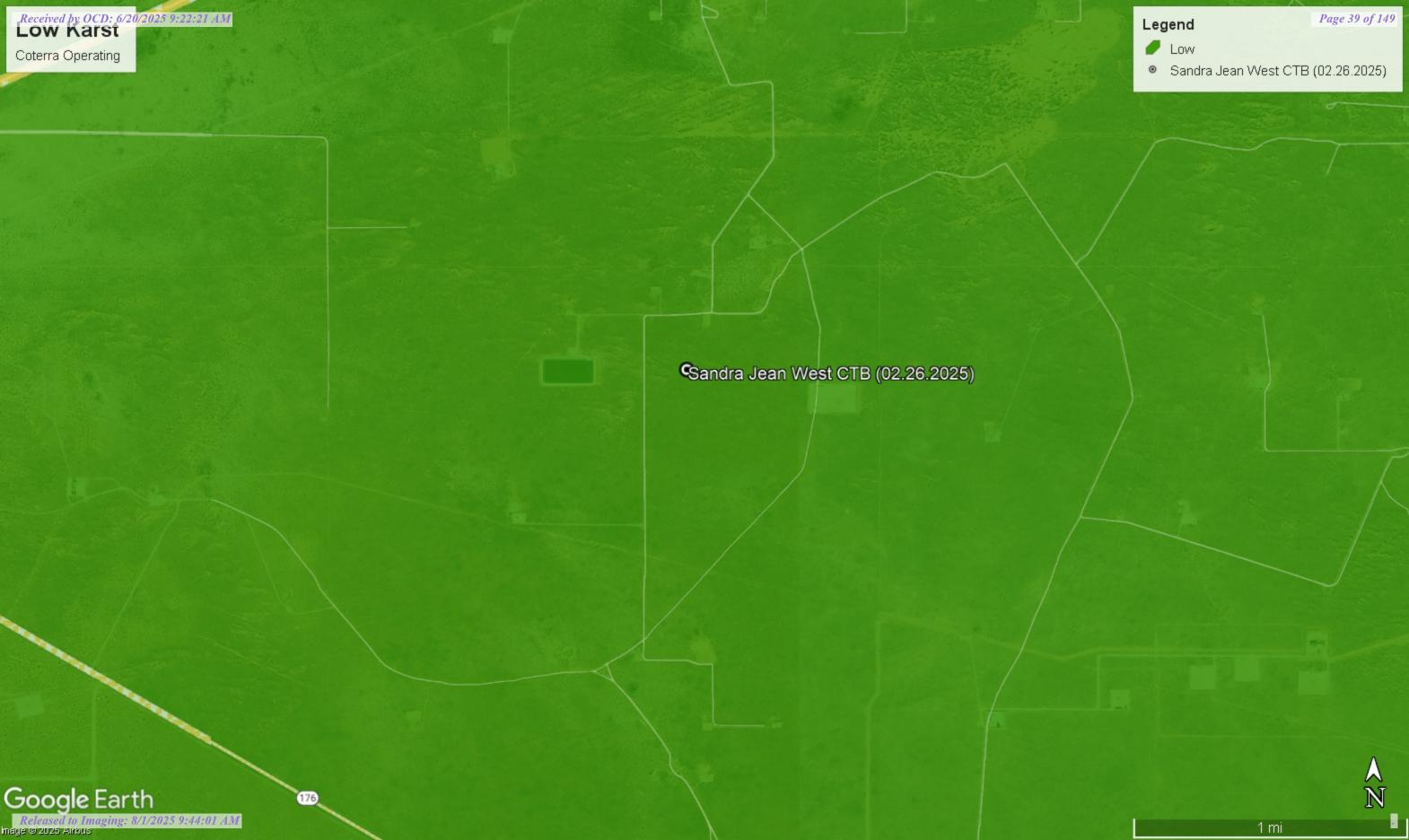
CONDITIONS

Cr By	eated		Condition Date
II	uig	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	6/4/2025

APPENDIX D

CARMONA RESOURCES







New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is

Sub

(quarters are smallest to largest)

argest)								(meters)		(In feet)	1	
Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance		Depth Water	
			32	22S	36E	627036 9	3601186.2	•	1704	823		

POD Number Code basin County Q CP 01151 POD1 LE CP CP 00798 POD1 CP LE NW NW 24 20S 33E 629348.0 3603892.0 * 1889 850 CP 01980 POD1 CP 20S 33E 627611.5 3605794.6 36 19 LE NE SW SW 11 3181 55

Average Depth to Water: **36 feet**

Minimum Depth: 36 feet

Maximum Depth: **36 feet**

Record Count: 3

UTM Filters (in meters):

Easting: 627942.00 **Northing:** 3602630.00

Radius: 4000

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources



Click to hideNews Bulletins

 Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site no list =

• 323335103370601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 323335103370601 20S.33E.24.12411

Lea County, New Mexico

Table of data

1976-04-15

Latitude 32°33'35", Longitude 103°37'06" NAD27

Land-surface elevation 3,641 feet above NAVD88

The depth of the well is 676 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

ab-separated data										
Graph of da	aph of data									
Reselect per	riod									
Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1968-03-19	9	D	62610		3242.63	NGVD29	1	Z	7	
1968-03-19	9	D	62611		3244.19	NAVD88	1	Z	7	
1968-03-19	9	D	72019	396.81			1	Z	7	
1971-02-03	3	D	62610		3225.89	NGVD29	Р	Z	7	
1971-02-03	3	D	62611		3227.45	NAVD88	Р	Z	7	
1971-02-03	3	D	72019	413.55			Р	Z	7	
1972-09-22	2	D	62610		3234.74	NGVD29	1	Z	7	
1972-09-22	2	D	62611		3236.30	NAVD88	1	Z	7	
1972-09-22	2	D	72019	404.70			1	Z	7	
1976-02-20	0	D	62610		3200.13	NGVD29	Р	Z	7	
1976-02-20	0	D	62611		3201.69	NAVD88	Р	Z	7	
1976-02-20	0	D	72019	439.31			Р	Z	7_	
1976-04-1	5	D	62610		3465.45	NGVD29	1	Z	7	
1976-04-1	5	D	62611		3467.01	NAVD88	1	Z	7_	

72019

173.99

7

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	Р	Pumping
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	А	Approved for publication Processing and review completed.

Questions or Comments <u>Help</u> Data Tips **Explanation of terms**

Subscribe for system changes

Policies and Notices Accessibility FOIA Privacy U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for New Mexico: Water Levels

URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2025-04-03 11:15:07 EDT

0.33 0.24 nadww02





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE

						7	113 APR 24	A 10.07	
	OSE POD NUMBI	ER (WELL 1	NUMBER)			OSE FILE NU	MBER(S)	7	
ION						C	P-115		
CAT	WELL OWNER N	IAME(S)	,1'.	110 011 1	PHONE (OPTIONAL)				
100	Laza	· ND.	ereting	june, Kichardu	CVTV		OT LTD	ZID	
TT	WELL OWNER M	1AILING AI	· 1	1 1 2 2 2	0	CITY)	12) +	STATE	ZIP
W	200	100	11.	maine	-	Illidi	and, 1x	19	101
ANI	WELL		DEGREES	MINUTES SECONDS	1)	* ACCURACY	REQUIRED: ONE TENT	TH OF A SECOND	
KAL	LOCATION (FROM GPS)	LATIT	UDE 32	32 0,7	76 N D W		QUIRED: WGS 84	THO THE DECOME	
GENERAL AND WELL LOCATION		LONGI		38 382	\/				
1. GE	DESCRIPTION REL	LATING WEL	L LOCATION TO STREET	TADDRESS AND COMMON LANDMARKS - PLSS	(SECTION, TO	OWNSHJIP, RANG	E) WHERE AVAILABLE	21-	
_	N/2		Sec. 22	C JOHNS MID	27	15	Kans	9036 E	
	LICENSE NUMBI		NAME OF LICENSED	DRILLER			NAME OF WELL DRI	ILVING COMPANY	1
	MD-120	1 -	13:114	L. Bertle			Bentlel	NaterWel	Ser.
	DRILLING STAR	TED I	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HO	LE DEPTH (FT)	DEPTH WATER FIRS	ST ENCOUNTERED (FT)	
	2217	317	-161		0-	^_	STATIC WATER LEV	EL IN COMPLETED WE	LL (FT)
7	COMPLETED WE	ELL IS:	ARTESIAN	M DRY HOLE C SHALLOW (UNCO	NFINED)				
DRILLING FLUID: C AIR MUD ADDITIVES – SPECIFY: DRILLING METHOD: C ROTARY C HAMMER C CABLE TOOL C OTHER – SPECIFY: DEPTH (feet bgl) BORE HOLE GRADE (Include each casing string, and note sections of screen) CASING CASING CASING CASING WALL THICKNESS (inches)									
MA	DRILLING METH			C HAMMER © CABLE TOOL	_	ER – SPECIFY:			
FOR	DEPTH (fee			CASING MATERIAL AND/OR	N/OR			I	
N	FROM	TO	BORE HOLE DIAM	GRADE		ASING NECTION	CASING INSIDE DIAM.	CASING WALL THICKNESS	SLOT SIZE
SINC			(inches)	(include each casing string, and note sections of screen)		ТҮРЕ	(inches)	(inches)	(inches)
c CA	401	6	18	A-E3 B	D-	T	121/4	,250	~
DRILLING &	08	23	12	none any hole	-		1007	70,50	
CLI									
DRI									
2.									
	DEPTH (fee	t bgl)	BORE HOLE	LIST ANNULAR SEAL MA	TERIAL A	AND	AMOUNT	METHO	D OF
AL	FROM	ТО	DIAM. (inches)	GRAVEL PACK SIZE-RANGE BY INTERVAL			(cubic feet)	PLACEM	
ANNULAR MATERIAL	0	6	18	Oran Pen	ren'	+	2	Thom	i-P.
TAT	0 8	223	6	Cement		,	340	Trem	10
AR N				71100	12			1 1 .	
IUL/									
ANN									
ъ.									
									0.10.0.1.5
	OSE INTERNA	L USE	0.11-1	POD NUMBER				& LOG (Version 06/0	8/2012)
	E NUMBER	111	D-1151		į.			20275 PAGE	1 OF 2
LOC	LOCATION OWD 225. 35E. 35. 222 PAGE 1 OF 2								

	DEPTH (fo	reet bgl)	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONE (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING	
	3	311	3 8	Topsoil Caliche Sandy Clay	C Y O N	ZONES (gpm)	
	20	31	3	Ory Samd	C Y W N		
ELL	3)	53	22	Red Sandy Cley	C Y @ N		
OFW	131	162	31	Linge,	C Y @ N		
CLOC	162	193	31	Sand Ned Bed			
OTOC	260	336	76	Rock	C Y 6 N		
4. HYDROGEOLOGIC LOG OF WELL	484	519	35	Red Bed W/sand Stringer	$\begin{array}{c c} C & \bullet & N \\ \hline \end{array}$		
4. HYI	519	529	109	Hard Red TBlue Clay			
	543	638	95	Red & Blueclay W tight sands	TIMEN ON		
	730	732	72	Red PB/NE Clay	C Y O N		
	732	823	95	RedBex	CY GN		
					$O^{Y}O^{N}$		
	METHOD US		_	OF WATER-BEARING STRATA: C PUMP OTHER – SPECIFY:	TOTAL ESTIMATED WELL YIELD (gpm):	121/	
	TEST DESTILES ATTACH A CODY OF DATA COLLECTED DUDING WELL TESTING INCLUDING DISCHARDS METHOD						
SION	WELL TEST	SIARI		ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVE	ER THE TESTING PERIO	DO T	
TEST; RIG SUPERVI	MISCELLANEOUS INFORMATION:						
5. TEST;	PRINT NAM	E(S) OF DR	RILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CON	STRUCTION OTHER TH	AN LICENSEE:	
SIGNATURE	CORRECT R	ECORD OF	THE ABOVE D	IES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELII ESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RI 0 DAYS AFTER COMPLETION OF WELL DRILLING:			
6. SIGNA	92y	SIGNATU	JRE OF DRILLE	BILLY BANTLE 4 RIPRINT SIGNEE NAME	/-2 1 -/3	3	
FOF	FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 06/08/2012)						

POD NUMBER

TRN NUMBER

PAGE 2 OF 2

FILE NUMBER

LOCATION

Locator Tool Report

General Information:

Application ID:29

Date: 02-24-2017

Time: 10:27:10

WR File Number: CP-01151

Purpose: POINT OF DIVERSION

Applicant First Name: RANDALL Applicant Last Name: HICKS

GW Basin: CAPITAN County: LEA

Critical Management Area Name(s): NONE Special Condition Area Name(s): NONE

Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

SE 1/4 of SE 1/4 of NW 1/4 of SE 1/4 of Section 27, Township 20S, Range 33E.

Coordinate System Details:

Geographic Coordinates: Well Drillers Lat and Long

Latitude:

32 Degrees 32 Minutes 26.8 Seconds N

Longitude:

103 Degrees 38 Minutes 49.6 Seconds W

Universal Transverse Mercator Zone: 13N

 NAD 1983(92) (Meters)
 N: 3,601,185
 E: 627,036

 NAD 1983(92) (Survey Feet)
 N: 11,814,888
 E: 2,057,202

 NAD 1927 (Meters)
 N: 3,600,982
 E: 627,086

 NAD 1927 (Survey Feet)
 N: 11,814,223
 E: 2,057,363

State Plane Coordinate System Zone: New Mexico East

 NAD 1983(92) (Meters)
 N: 171,037
 E: 229,454

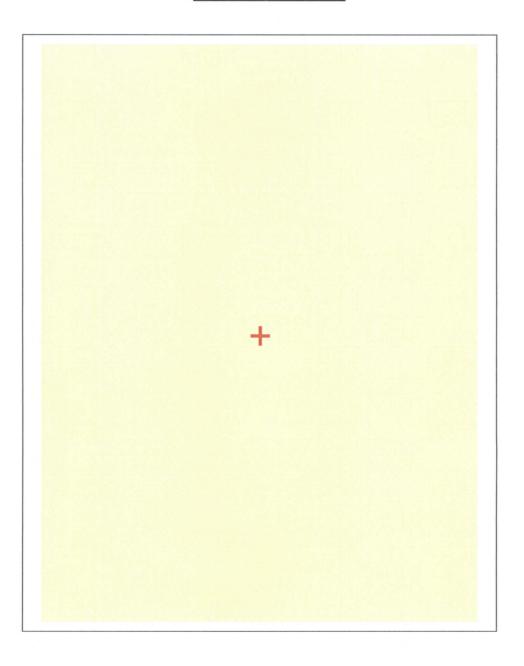
 NAD 1983(92) (Survey Feet)
 N: 561,143
 E: 752,801

 NAD 1927 (Meters)
 N: 171,018
 E: 216,902

 NAD 1927 (Survey Feet)
 N: 561,081
 E: 711,620

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report





WR File Number: CP-01151 S

Scale: 1:57,473

Northing/Easting: UTM83(92) (Meter): N: 3,601,185

E: 627,036

Northing/Easting: SPCS83(92) (Feet): N: 561,143

561,143 E: 752,801

GW Basin: Capitan

Page 2 of 2

Print Date: 02/24/2017

Scott A. Verhines, P.E. State Engineer



well Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr:

520275

File Nbr:

CP 01151

Well File Nbr: CP 01151 POD1

Apr. 29, 2013

RANDALL T HICKS
CAZA OPERATING LLC
901 RIO GRANDE NW, F-142
ALBUQUERQUE, NM 87104

Greetings:

The above numbered permit was issued in your name on 01/22/2013.

The Well Record was received in this office on 04/24/2013, stating that it had been completed on 04/12/2013, and was a dry well. The well is to be plugged or capped or otherwise maintained in a manner satisfactory to the State Engineer.

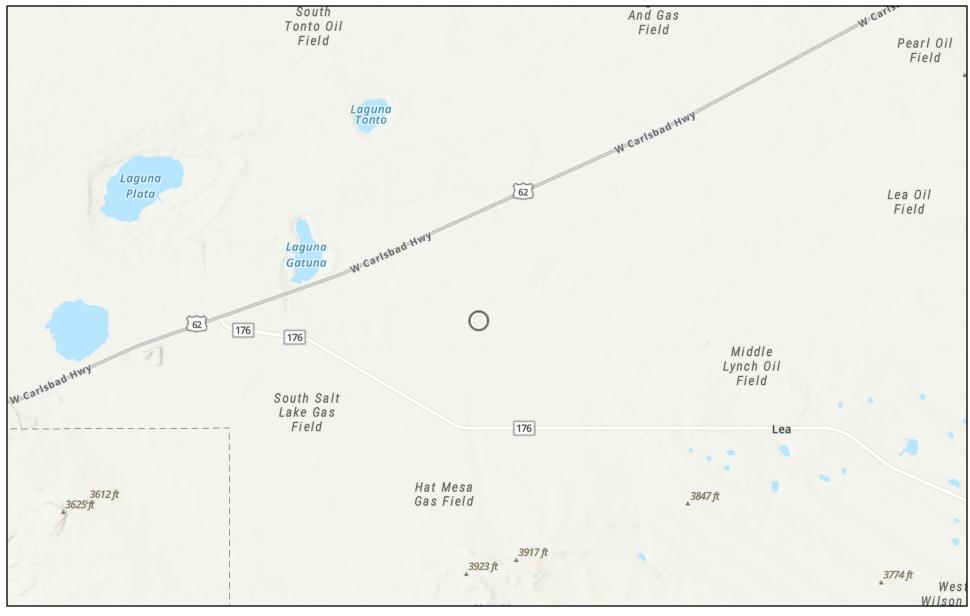
Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 01/31/2014.

If you have any questions, please feel free to contact us.

Sincerely,

¥olanda Mendiola (575)622-6521

Sandra Jean West CTB (02.26.2025)



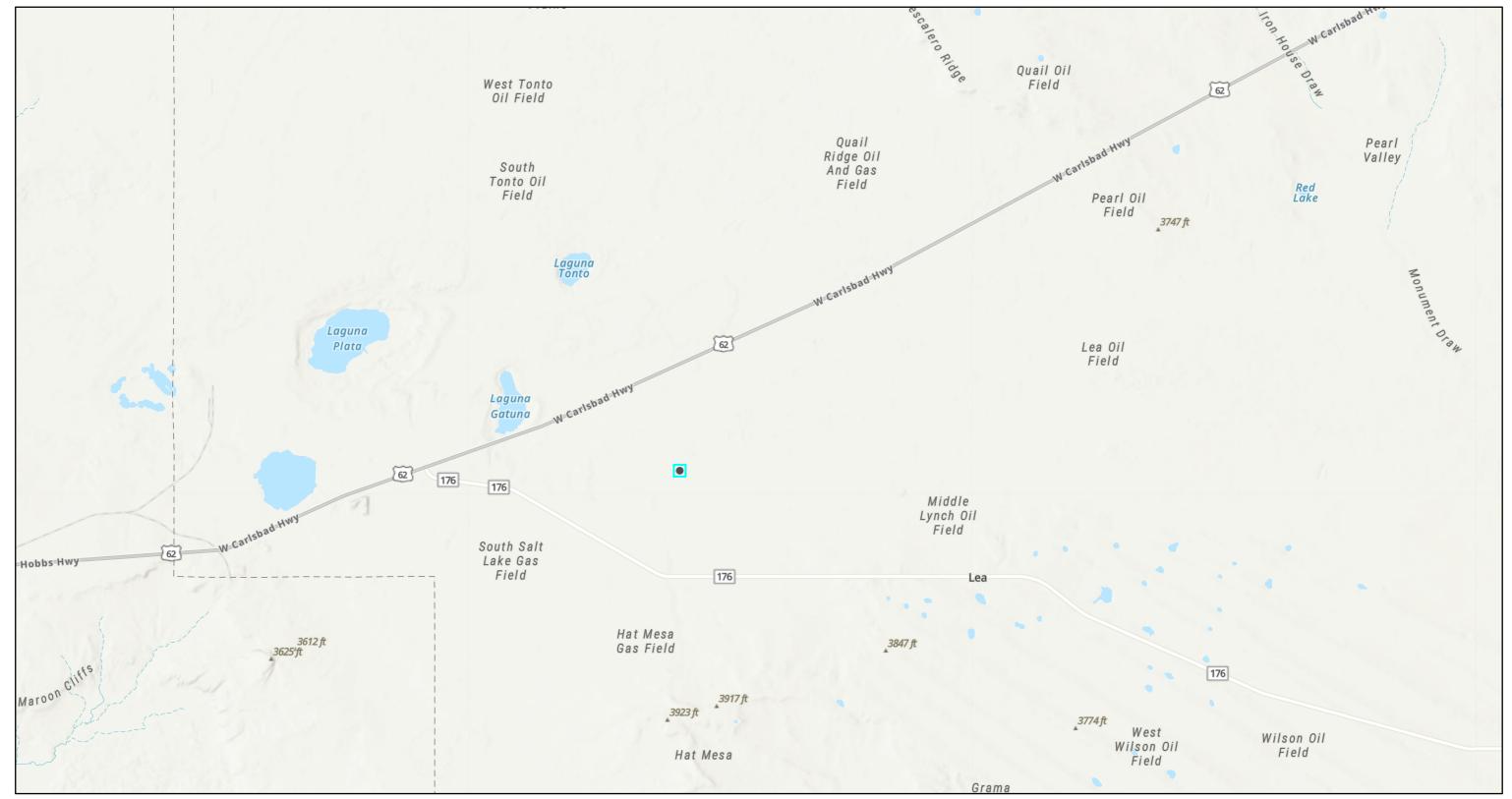
4/3/2025

World_Hillshade



Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Sandra Jean West CTB (02.26.2025)



4/3/2025, 10:11:48 AM

0 1.5 3 6 mi

0 1.5 3 6 mi 0 2.5 5 10 km

Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

APPENDIX E

CARMONA RESOURCES

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke Carmona Resources 310 W Wall St Ste 500 Midland, Texas 79701

Generated 4/28/2025 7:14:09 PM

JOB DESCRIPTION

Sandra Jean West (02.26.2025) 2693

JOB NUMBER

880-57313-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated 4/28/2025 7:14:09 PM

Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440

Client: Carmona Resources Project/Site: Sandra Jean West (02.26.2025) Laboratory Job ID: 880-57313-1

SDG: 2693

Table of Contents

Cover Page	1
-	
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	16
QC Sample Results	18
QC Association Summary	24
Lab Chronicle	28
Certification Summary	33
Method Summary	34
Sample Summary	35
Chain of Custody	36
Receipt Checklists	38

2

2

А

5

6

8

9

11

12

Definitions/Glossary

Client: Carmona Resources Job ID: 880-57313-1

Project/Site: Sandra Jean West (02.26.2025)

SDG: 2693

Qualifiers

	^	١,	$\overline{}$	Α.
G	C.	v	U,	A

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected

GC Semi VOA

Qualifier Description
LCS/LCSD RPD exceeds control limits.
MS and/or MSD recovery exceeds control limits.
Surrogate recovery exceeds control limits, high biased.
Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Glossary	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
\(\phi \)	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)

EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCI	EDA recommended "Maximum Co

MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
	M. O. I. D. A. C. I. C. V.

MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated

110	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)

NEG	Negative / Absent
POS	Positive / Present
POI	Practical Quantitation

PQL	Practical Quantitation Limit

PRES	Presumptive
QC	Quality Contro

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF Toxicity Equivalent Quotient (Dioxin) TEQ

TNTC Too Numerous To Count

Job ID: 880-57313-1

Case Narrative

Client: Carmona Resources

Project: Sandra Jean West (02.26.2025)

Eurofins Midland Job ID: 880-57313-1

Job Narrative 880-57313-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/24/2025 2:36 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.3°C.

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-1 (0-1') (880-57313-1), S-1 (1.5') (880-57313-2), S-3 (0.1') (880-57313-9) and S-3 (1.5') (880-57313-10). Evidence of matrix interference is present; therefore, reextraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-3 (0.1') (880-57313-9). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD NM: The surrogate recovery for the blank associated with preparation batch 880-108603 and analytical batch 880-108764 was outside the upper control limits.

Method 8015MOD NM: Surrogate recovery for the following sample was outside control limits: S-3 (0.1') (880-57313-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-108603 and analytical batch 880-108764 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-108603 and analytical batch 880-108764 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-108603/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: S-1 (0-1') (880-57313-1), S-1 (1.5') (880-57313-2), S-1 (2.0') (880-57313-3), S-1 (3.0') (880-57313-4), S-2 (0-1') (880-57313-5), S-2 (1.5') (880-57313-6), S-2 (2.0') (880-57313-7), S-2 (3.0') (880-57313-8), S-3 (1.5') (880-57313-10), S-3 (2.0') (880-57313-11), S-3 (3.0') (880-57313-12), S-3 (4.0') (880-57313-13), (880-57310-A-1-A), (880-57310-A-1-B MS) and (880-57310-A-1-C MSD). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

Client Sample ID: S-1 (0-1')

Date Collected: 04/24/25 00:00 Date Received: 04/24/25 14:36 Lab Sample ID: 880-57313-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	0.0240		0.00200		mg/Kg		04/25/25 09:09	04/25/25 13:12	
Toluene	0.366		0.00200		mg/Kg		04/25/25 09:09	04/25/25 13:12	
Ethylbenzene	0.256		0.00200		mg/Kg		04/25/25 09:09	04/25/25 13:12	
m-Xylene & p-Xylene	0.600		0.00399		mg/Kg		04/25/25 09:09	04/25/25 13:12	
o-Xylene	0.282		0.00200		mg/Kg		04/25/25 09:09	04/25/25 13:12	
Xylenes, Total	0.882		0.00399		mg/Kg		04/25/25 09:09	04/25/25 13:12	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	220	S1+	70 - 130				04/25/25 09:09	04/25/25 13:12	
1,4-Difluorobenzene (Surr)	110		70 - 130				04/25/25 09:09	04/25/25 13:12	
Method: TAL SOP Total BTEX	: Total BTE	X Calcula	tion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	1.53		0.00399		mg/Kg			04/25/25 13:12	
Method: SW846 8015 NM - Di	esel Range (Organics ((DRO) (GC)						
Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	3390		498		mg/Kg			04/27/25 01:44	
Method: SW846 8015B NM - [Diesel Range	Organics	s (DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<498	U	498		mg/Kg		04/24/25 16:44	04/27/25 01:44	1
(GRO)-C6-C10									
Diesel Range Organics (Over C10-C28)	3390	*1	498		mg/Kg		04/24/25 16:44	04/27/25 01:44	1
Oil Range Organics (Over C28-C36)	<498	U	498		mg/Kg		04/24/25 16:44	04/27/25 01:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane (Surr)	204	S1+	70 - 130				04/24/25 16:44	04/27/25 01:44	1
o-Terphenyl (Surr)	252	S1+	70 - 130				04/24/25 16:44	04/27/25 01:44	1
Method: EPA 300.0 - Anions,	lan Chramai	tography	Solublo						
Method: EPA 300.0 - Anions	IOH CHIOMA	luulauliv	- Julubie						

Client Sample ID: S-1 (1.5') Lab Sample ID: 880-57313-2 Date Collected: 04/24/25 00:00 **Matrix: Solid**

10.0

mg/Kg

220

Date Received: 04/24/25 14:36

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/25/25 09:09	04/25/25 13:33	1
Toluene	0.00313		0.00202		mg/Kg		04/25/25 09:09	04/25/25 13:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/25/25 09:09	04/25/25 13:33	1
m-Xylene & p-Xylene	0.00412		0.00404		mg/Kg		04/25/25 09:09	04/25/25 13:33	1
o-Xylene	0.00217		0.00202		mg/Kg		04/25/25 09:09	04/25/25 13:33	1
Xylenes, Total	0.00629		0.00404		mg/Kg		04/25/25 09:09	04/25/25 13:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130				04/25/25 09:09	04/25/25 13:33	1
1.4-Difluorobenzene (Surr)	104		70 - 130				04/25/25 09:09	04/25/25 13:33	1

Eurofins Midland

04/25/25 15:40

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

Client Sample ID: S-1 (1.5')

Date Collected: 04/24/25 00:00 Date Received: 04/24/25 14:36 Lab Sample ID: 880-57313-2

Matrix: Solid

Method: TAL	SOP Total	BTEX - Total	BTEX Calculation

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00942	0.00404	mg/Kg			04/25/25 13:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D)	Prepared	Analyzed	Dil Fac
Total TPH	53.4		50.0		mg/Kg				04/27/25 02:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

		3 (-) (-	,				
Analyte	Result Qu	alifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0 U	50.0	mg/Kg		04/24/25 16:44	04/27/25 02:00	1
Diesel Range Organics (Over C10-C28)	53.4 *1	50.0	mg/Kg		04/24/25 16:44	04/27/25 02:00	1
Oil Range Organics (Over C28-C36)	<50.0 U	50.0	mg/Kg		04/24/25 16:44	04/27/25 02:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	211	S1+	70 - 130	04/24/25 16:44	04/27/25 02:00	1
o-Terphenyl (Surr)	207	S1+	70 - 130	04/24/25 16:44	04/27/25 02:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.8	10.1	mg/Kg			04/25/25 15:57	1

Client Sample ID: S-1 (2.0')

Date Collected: 04/24/25 00:00

Date Received: 04/24/25 14:36

1,4-Difluorobenzene (Surr)

Released to Imaging: 8/1/2025 9:44:01 AM

Lab Sample ID: 880-57313-3

04/25/25 09:09 04/25/25 13:53

Matrix: Solid

Method: SW846 8021B -	Volatile Organic Compounds (G	iC)
Analyto	Pocult Qualifier	

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/25/25 09:09	04/25/25 13:53	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/25/25 09:09	04/25/25 13:53	1
Ethylbenzene	< 0.00199	U	0.00199	mg/Kg		04/25/25 09:09	04/25/25 13:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/25/25 09:09	04/25/25 13:53	1
o-Xylene	< 0.00199	U	0.00199	mg/Kg		04/25/25 09:09	04/25/25 13:53	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/25/25 09:09	04/25/25 13:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			04/25/25 09:09	04/25/25 13:53	1

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
Total BTFX	< 0.00398	U	0.00398	ma/Ka			04/25/25 13:53	1	

70 - 130

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	_	Qualifier	, , ,	DL Unit	n	Prepared	Analyzed	Dil Fac
Total TPH	 	U	50.1	mg/Kg		Trepared	04/27/25 02:16	1

н			
П	Method: SW846 8015B	NM Discal Banga	Organica (DDO) (CC)
-1	I WELLIOO SWAAN AU ISD	NIVI - LIJESEL KALICE	CHOATICS HIRCH HALL

Method: 544846 8015B NW - D	iesei Range	organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/24/25 16:44	04/27/25 02:16	1
Diesel Range Organics (Over C10-C28)	<50.1	U *1	50.1		mg/Kg		04/24/25 16:44	04/27/25 02:16	1

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

Client Sample ID: S-1 (2.0')

Date Collected: 04/24/25 00:00 Date Received: 04/24/25 14:36

Lab Sample ID: 880-57313-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		04/24/25 16:44	04/27/25 02:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	211	S1+	70 - 130			04/24/25 16:44	04/27/25 02:16	1
o-Terphenyl (Surr)	205	S1+	70 - 130			04/24/25 16:44	04/27/25 02:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.1		9.96		mg/Kg			04/25/25 16:02	1

Client Sample ID: S-1 (3.0') Date Collected: 04/24/25 00:00

Lab Sample ID: 880-57313-4

Matrix: Solid

Date Received: 04/24/25 14:36

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/25/25 09:09	04/25/25 14:14	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/25/25 09:09	04/25/25 14:14	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/25/25 09:09	04/25/25 14:14	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/25/25 09:09	04/25/25 14:14	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/25/25 09:09	04/25/25 14:14	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/25/25 09:09	04/25/25 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				04/25/25 09:09	04/25/25 14:14	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/25/25 09:09	04/25/25 14:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.00396	U	0.00396		mg/Kg			04/25/25 14:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
	Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
	Total TPH	<50.3	U	50.3	mg/Kg			04/27/25 02:32	1	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg	<u> </u>	04/24/25 16:44	04/27/25 02:32	
Diesel Range Organics (Over C10-C28)	<50.3	U *1	50.3		mg/Kg		04/24/25 16:44	04/27/25 02:32	
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/24/25 16:44	04/27/25 02:32	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane (Surr)	213	S1+	70 - 130				04/24/25 16:44	04/27/25 02:32	
o-Terphenyl (Surr)	209	S1+	70 - 130				04/24/25 16:44	04/27/25 02:32	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	98.6	10.0	mg/Kg			04/25/25 16:08	1		

Date Received: 04/24/25 14:36

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

Client Sample ID: S-2 (0-1') Lab Sample ID: 880-57313-5 Date Collected: 04/24/25 00:00

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/25/25 09:09	04/25/25 14:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/25/25 09:09	04/25/25 14:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/25/25 09:09	04/25/25 14:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/25/25 09:09	04/25/25 14:34	1
o-Xylene	< 0.00201	U	0.00201		mg/Kg		04/25/25 09:09	04/25/25 14:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/25/25 09:09	04/25/25 14:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				04/25/25 09:09	04/25/25 14:34	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/25/25 09:09	04/25/25 14:34	1
Method: TAL SOP Total BTEX	(- Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/25/25 14:34	1
Method: SW846 8015 NM - Di					99				
Method: SW846 8015 NM - Di Analyte	esel Range (DRO) (GC)	MDL	Unit	<u>D</u>	Prepared	Analyzed	
: Method: SW846 8015 NM - Di	esel Range	Organics (DRO) (GC)	MDL		<u>D</u>	Prepared		
Method: SW846 8015 NM - Di Analyte	esel Range (Result	Organics (Qualifier	DRO) (GC) RL 50.1	MDL	Unit	<u>D</u>	Prepared	Analyzed	
Method: SW846 8015 NM - Di Analyte Total TPH	esel Range (Result 408	Organics (Qualifier	DRO) (GC) RL 50.1	MDL	Unit mg/Kg	<u>D</u> D	Prepared Prepared	Analyzed	1
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I	esel Range (Result 408	Organics (Qualifier Organics Qualifier Qualifier	DRO) (GC) RL 50.1 (DRO) (GC)		Unit mg/Kg	_ =		Analyzed 04/27/25 02:49 Analyzed	1 Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics	esel Range (Result 408 Diesel Range Result	Organics (Qualifier Organics Qualifier U	DRO) (GC) RL 50.1 (DRO) (GC) RL		Unit mg/Kg	_ =	Prepared 04/24/25 16:44	Analyzed 04/27/25 02:49 Analyzed	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	esel Range (Result 408 Diesel Range (Result < 50.1	Organics (Qualifier Organics Qualifier U *1	DRO) (GC) RL 50.1 (DRO) (GC) RL 50.1		Unit mg/Kg Unit mg/Kg	_ =	Prepared 04/24/25 16:44 04/24/25 16:44	Analyzed 04/27/25 02:49 Analyzed 04/27/25 02:49	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	esel Range (Result 408 Diesel Range (Result < 50.1 408	Organics (Qualifier Organics Qualifier U *1	DRO) (GC) RL 50.1 (DRO) (GC) RL 50.1 50.1		Unit mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 04/24/25 16:44 04/24/25 16:44	Analyzed 04/27/25 02:49 Analyzed 04/27/25 02:49 04/27/25 02:49	1 Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	esel Range Result 408 Diesel Range Result <50.1 408 <50.1 %Recovery	Organics (Qualifier Organics Qualifier U *1	DRO) (GC) RL 50.1 (DRO) (GC) RL 50.1 50.1		Unit mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 04/24/25 16:44 04/24/25 16:44 04/24/25 16:44	Analyzed 04/27/25 02:49 Analyzed 04/27/25 02:49 04/27/25 02:49 04/27/25 02:49 Analyzed	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	esel Range (Result 408 Diesel Range Result <50.1 408 <50.1 %Recovery 222	Organics (Qualifier Organics Qualifier *1 U Qualifier	DRO) (GC) RL 50.1 (DRO) (GC) RL 50.1 50.1 Limits		Unit mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 04/24/25 16:44 04/24/25 16:44 04/24/25 16:44 Prepared 04/24/25 16:44	Analyzed 04/27/25 02:49 Analyzed 04/27/25 02:49 04/27/25 02:49 04/27/25 02:49 Analyzed	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr)	esel Range Result 408 Diesel Range Result <50.1 408 <50.1 %Recovery 222 232	Organics (Qualifier Organics Qualifier U *1 U Qualifier S1+ S1+	DRO) (GC) RL 50.1 (DRO) (GC) RL 50.1 50.1 50.1 Limits 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 04/24/25 16:44 04/24/25 16:44 04/24/25 16:44 Prepared 04/24/25 16:44	Analyzed 04/27/25 02:49 Analyzed 04/27/25 02:49 04/27/25 02:49 Analyzed 04/27/25 02:49	Dil Fac 1 1 Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr) o-Terphenyl (Surr)	Result 408	Organics (Qualifier Organics Qualifier U *1 U Qualifier S1+ S1+	DRO) (GC) RL 50.1 (DRO) (GC) RL 50.1 50.1 50.1 Limits 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	_ =	Prepared 04/24/25 16:44 04/24/25 16:44 04/24/25 16:44 Prepared 04/24/25 16:44	Analyzed 04/27/25 02:49 Analyzed 04/27/25 02:49 04/27/25 02:49 Analyzed 04/27/25 02:49	Dil Fac 1 Dil Fac 1 Dil Fac 1 Dil Fac 1 Dil Fac

Client Sample ID: S-2 (1.5') Lab Sample ID: 880-57313-6 Date Collected: 04/24/25 00:00 **Matrix: Solid**

Date Received: 04/24/25 14:36

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/25/25 09:09	04/25/25 14:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/25/25 09:09	04/25/25 14:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/25/25 09:09	04/25/25 14:55	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/25/25 09:09	04/25/25 14:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/25/25 09:09	04/25/25 14:55	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/25/25 09:09	04/25/25 14:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/25/25 09:09	04/25/25 14:55	1
1.4-Difluorobenzene (Surr)	97		70 - 130				04/25/25 09:09	04/25/25 14:55	1

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

Client Sample ID: S-2 (1.5') Date Collected: 04/24/25 00:00

Lab Sample ID: 880-57313-6

Matrix: Solid

Date Received: 04/24/25 14:36

Method: TAL SOP Total BTEX -	Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/25/25 14:55	1

	Method: SW846 8015 NM - Diesel	Range Organics (DRO) (GO	C)
ı			

Analyte	Result (Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 €	U	50.0	mg/Kg			04/27/25 03:04	1

Method: SW846 8015B NM -	Diesel Range Organics	(DRO) (GC)
Analyte	Result Qualifier	RL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		04/24/25 16:44	04/27/25 03:04	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U *1	50.0		mg/Kg		04/24/25 16:44	04/27/25 03:04	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 16:44	04/27/25 03:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4 Oblama atama (Orom)	200	04.	70 400				04/04/05 40:44	04/07/05 00:04	

Surrogate	∕₀κecovery	Qualifier	LIIIIII	riepaieu	Allalyzeu	DII Fac
1-Chlorooctane (Surr)	206	S1+	70 - 130	04/24/25 16:44	04/27/25 03:04	1
o-Terphenyl (Surr)	199	S1+	70 - 130	04/24/25 16:44	04/27/25 03:04	1

Method: EPA 300.0 - Anions,	Ion Chromatography	- Soluble
A	Descrit Occalities	_

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.8		10.0	mg/Kg			04/25/25 16:19	1

Lab Sample ID: 880-57313-7 Client Sample ID: S-2 (2.0') Date Collected: 04/24/25 00:00 **Matrix: Solid**

Date Received: 04/24/25 14:36

Method: SW846 8021B - Volatile Organic Compounds (G					
I METOOD SWAAN AUZIN - VOISTILE UTOSDIC COMPOUNDS (G)	П	Mathad. CIMO 4C 000	4D Valatila C	\	d- (CC)
	П	- Method: 5W846 8UZ	TB - volatile C	Jroanic Com	nounas (GC)

Welliou. Swo40 ouz ib - vo	name Organic	Compoun	us (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 09:09	04/25/25 16:18	1
Toluene	< 0.00199	U	0.00199		mg/Kg		04/25/25 09:09	04/25/25 16:18	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		04/25/25 09:09	04/25/25 16:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/25/25 09:09	04/25/25 16:18	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		04/25/25 09:09	04/25/25 16:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 09:09	04/25/25 16:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				04/25/25 09:09	04/25/25 16:18	1
1 4-Diffuorobenzene (Surr)	04		70 130				04/25/25 00:00	04/25/25 16:18	1

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	< 0.00398	U	0.00398	ma/Ka			04/25/25 16:18	1	

Method: SW846 8015 NM - Diesel Ran	ae Organics (DRO) (GC)

Analyte	Result	Qualifier	RL MD	L Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			04/27/25 03:37	1

-					
н	Method: SW846	: 8015R NI	Ranc امعماد ا	ιο Organice	(DRO) (GC)

	g.	, - . ga	(=:(=)(==)					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9	mg/Kg		04/24/25 16:44	04/27/25 03:37	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.9	U *1	49.9	mg/Kg		04/24/25 16:44	04/27/25 03:37	1
C10-C28)								

Eurofins Midland

1,4-Difluorobenzene (Surr) **Method: TAL SOP Total BTEX - Total BTEX Calculation**

Date Received: 04/24/25 14:36

Job ID: 880-57313-1

SDG: 2693

Client Sample ID: S-2 (2.0') Lab Sample ID: 880-57313-7 Date Collected: 04/24/25 00:00

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/24/25 16:44	04/27/25 03:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	210	S1+	70 - 130				04/24/25 16:44	04/27/25 03:37	1
o-Terphenyl (Surr)	203	S1+	70 - 130				04/24/25 16:44	04/27/25 03:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier **MDL** Unit **Prepared** Analyzed Dil Fac Chloride 86.1 10.1 mg/Kg 04/25/25 16:25

Client Sample ID: S-2 (3.0') Lab Sample ID: 880-57313-8 Date Collected: 04/24/25 00:00 **Matrix: Solid**

Date Received: 04/24/25 14:36

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 16:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 16:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 16:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/25/25 09:09	04/25/25 16:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 16:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/25/25 09:09	04/25/25 16:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				04/25/25 09:09	04/25/25 16:38	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/25/25 09:09	04/25/25 16:38	1

Method: IAL SUP Total BTEX -	lotal BIE	x Caiculati	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/25/25 16:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/27/25 03:53	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/24/25 16:44	04/27/25 03:53	,
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		04/24/25 16:44	04/27/25 03:53	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/24/25 16:44	04/27/25 03:53	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane (Surr)	217	S1+	70 - 130				04/24/25 16:44	04/27/25 03:53	-
o-Terphenyl (Surr)	209	S1+	70 - 130				04/24/25 16:44	04/27/25 03:53	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Chloride 74.0 9.98 mg/Kg 04/25/25 16:42

Date Received: 04/24/25 14:36

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

Client Sample ID: S-3 (0.1') Lab Sample ID: 880-57313-9 Date Collected: 04/24/25 00:00

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00242		0.00200		mg/Kg		04/25/25 09:09	04/25/25 16:58	
Toluene	0.257		0.00200		mg/Kg		04/25/25 09:09	04/25/25 16:58	
Ethylbenzene	2.56		0.0398		mg/Kg		04/28/25 09:09	04/28/25 16:31	20
m-Xylene & p-Xylene	6.77		0.0797		mg/Kg		04/28/25 09:09	04/28/25 16:31	20
o-Xylene	3.22		0.0398		mg/Kg		04/28/25 09:09	04/28/25 16:31	20
Xylenes, Total	9.99		0.0797		mg/Kg		04/28/25 09:09	04/28/25 16:31	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	256	S1+	70 - 130				04/25/25 09:09	04/25/25 16:58	-
1,4-Difluorobenzene (Surr)	101		70 - 130				04/25/25 09:09	04/25/25 16:58	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion						
						_	_		
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	12.8		0.0797	MDL	mg/Kg	<u>D</u>	Prepared	Analyzed 04/28/25 16:31	
<u> </u>	12.8 esel Range (0.0797			<u>D</u> 	Prepared Prepared		
Total BTEX Method: SW846 8015 NM - Did	12.8 esel Range (Organics (0.0797 DRO) (GC)		mg/Kg			04/28/25 16:31	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte	12.8 esel Range (Result 6580	Organics (Qualifier	0.0797 DRO) (GC) RL 252		mg/Kg Unit			04/28/25 16:31 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH	12.8 esel Range (Result 6580 Diesel Range	Organics (Qualifier	0.0797 DRO) (GC) RL 252		mg/Kg Unit			04/28/25 16:31 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics	12.8 esel Range (Result 6580 Diesel Range	Organics (Qualifier Organics	0.0797 DRO) (GC) RL 252 (DRO) (GC)	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	04/28/25 16:31 Analyzed 04/27/25 04:09 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	12.8 esel Range (Result 6580 Diesel Range Result	Organics (Qualifier Organics Qualifier Qualifier	0.0797 DRO) (GC) RL 252 (DRO) (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared 04/24/25 16:44	04/28/25 16:31 Analyzed 04/27/25 04:09 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10	12.8 esel Range (Result 6580 Diesel Range Result 984	Organics (Qualifier Organics Qualifier *1	0.0797 DRO) (GC) RL 252 (DRO) (GC) RL 252	MDL	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 04/24/25 16:44 04/24/25 16:44	04/28/25 16:31 Analyzed 04/27/25 04:09 Analyzed 04/27/25 04:09	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	12.8 esel Range (Result 6580 Diesel Range Result 984 5600 <252	Organics (Qualifier Organics Qualifier *1 U Qualifier	0.0797 DRO) (GC) RL 252 (DRO) (GC) RL 252 252	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 04/24/25 16:44 04/24/25 16:44	Analyzed 04/27/25 04:09 Analyzed 04/27/25 04:09 04/27/25 04:09	Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	12.8 esel Range (Result 6580 Diesel Range Result 984 5600 <252	Organics (Qualifier Organics Qualifier *1	0.0797 DRO) (GC) RL 252 (DRO) (GC) RL 252 252 252	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared 04/24/25 16:44 04/24/25 16:44 04/24/25 16:44 Prepared	04/28/25 16:31 Analyzed 04/27/25 04:09 Analyzed 04/27/25 04:09 04/27/25 04:09	Dil Fac

Client Sample ID: S-3 (1.5') Lab Sample ID: 880-57313-10 Date Collected: 04/24/25 00:00 **Matrix: Solid**

RL

9.94

MDL Unit

mg/Kg

Prepared

Analyzed

04/25/25 16:47

Result Qualifier

135

Date Received: 04/24/25 14:36

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/25/25 09:09	04/25/25 17:19	1
Toluene	0.00242		0.00202		mg/Kg		04/25/25 09:09	04/25/25 17:19	1
Ethylbenzene	0.00806		0.00202		mg/Kg		04/25/25 09:09	04/25/25 17:19	1
m-Xylene & p-Xylene	0.0260		0.00404		mg/Kg		04/25/25 09:09	04/25/25 17:19	1
o-Xylene	0.00562		0.00202		mg/Kg		04/25/25 09:09	04/25/25 17:19	1
Xylenes, Total	0.0316		0.00404		mg/Kg		04/25/25 09:09	04/25/25 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	S1+	70 - 130				04/25/25 09:09	04/25/25 17:19	1
1,4-Difluorobenzene (Surr)	103		70 - 130				04/25/25 09:09	04/25/25 17:19	1

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

Client Sample ID: S-3 (1.5')

Date Collected: 04/24/25 00:00 Date Received: 04/24/25 14:36 Lab Sample ID: 880-57313-10

Matrix: Solid

Method: TAL SOP	Total BTEX - Total BTEX Ca	alculation
-----------------	----------------------------	------------

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0421		0.00404		mg/Kg			04/25/25 17:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	÷
Total TPH	74.6	50.1	ma/Ka			04/27/25 04:25	1	

Method: SW846 8015B	NM - Diesel Range	Organics (DRO) (GC)
Method: CTTCTC CC13D	Itili - Diesei Italige	

	Analyzed	Dil Fac
04/24/25 16:44	04/27/25 04:25	1
04/24/25 16:44 (04/27/25 04:25	1
04/24/25 16:44 (04/27/25 04:25	1
)	4/24/25 16:44	4/24/25 16:44 04/27/25 04:25 4/24/25 16:44 04/27/25 04:25 4/24/25 16:44 04/27/25 04:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	215	S1+	70 - 130	04/24/25 16:44	04/27/25 04:25	1
o-Terphenyl (Surr)	212	S1+	70 - 130	04/24/25 16:44	04/27/25 04:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.5	9.94	mg/Kg			04/25/25 17:04	1

Client Sample ID: S-3 (2.0')

Released to Imaging: 8/1/2025 9:44:01 AM

Date Collected: 04/24/25 00:00

Lab Sample ID: 880-57313-11 **Matrix: Solid**

Date Received: 04/24/25 14:36

Michiga, Office Out ID - To	nathe Organie	Compount	us (55)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/25/25 09:09	04/25/25 17:39	1
Toluene	< 0.00202	U	0.00202		mg/Kg		04/25/25 09:09	04/25/25 17:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/25/25 09:09	04/25/25 17:39	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/25/25 09:09	04/25/25 17:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/25/25 09:09	04/25/25 17:39	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/25/25 09:09	04/25/25 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				04/25/25 09:09	04/25/25 17:39	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/25/25 09:09	04/25/25 17:39	1

Mothod: TAI	SOP Total RTEY	- Total RTFY Calculation

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00403	U	0.00403	ma/Ka			04/25/25 17:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	, , ,	IDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/27/25 04:41	1

Wethor: Swo46 outse MW - L	nesei Kange	organics	(DRO) (GC)					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/24/25 16:44	04/27/25 04:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8	mg/Kg		04/24/25 16:44	04/27/25 04:41	1

Client Sample ID: S-3 (2.0')
Date Collected: 04/24/25 00:00

Date Received: 04/24/25 14:36

Job ID: 880-57313-1

SDG: 2693

Lab Sample ID: 880-57313-11

Matrix: Solid

Method: SW846 8015B NM - D	iesel Range	Organics	(DRO) (GC)	(Continued)				
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/24/25 16:44	04/27/25 04:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	204	S1+	70 - 130			04/24/25 16:44	04/27/25 04:41	1
o-Terphenyl (Surr)	199	S1+	70 - 130			04/24/25 16:44	04/27/25 04:41	1

Method: EPA 300.0 - Anions, I	on Chromatography - S	Soluble					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.2	10.1	mg/Kg			04/25/25 17:10	1

Client Sample ID: S-3 (3.0')

Date Collected: 04/24/25 00:00

Matrix: Solid

Date Received: 04/24/25 14:36

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 09:09	04/25/25 18:00	
Toluene	< 0.00199	U	0.00199		mg/Kg		04/25/25 09:09	04/25/25 18:00	
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		04/25/25 09:09	04/25/25 18:00	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/25/25 09:09	04/25/25 18:00	
o-Xylene	< 0.00199	U	0.00199		mg/Kg		04/25/25 09:09	04/25/25 18:00	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 09:09	04/25/25 18:00	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
4-Bromofluorobenzene (Surr)	107		70 - 130				04/25/25 09:09	04/25/25 18:00	
1,4-Difluorobenzene (Surr)	99		70 - 130				04/25/25 09:09	04/25/25 18:00	
Method: TAL SOP Total BTEX	: Total BTE	X Calculat	tion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 18:00	
Method: SW846 8015 NM - Di	_	•					_		
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil F
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 04:57	
Method: SW846 8015B NM - D	Diesel Range	e Organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/24/25 16:44	04/27/25 04:57	
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		04/24/25 16:44	04/27/25 04:57	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 16:44	04/27/25 04:57	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
1-Chlorooctane (Surr)	209	S1+	70 - 130				04/24/25 16:44	04/27/25 04:57	
o-Terphenyl (Surr)	204	S1+	70 - 130				04/24/25 16:44	04/27/25 04:57	
Method: EPA 300.0 - Anions,	lon Chromat	tography -	Soluble						

Eurofins Midland

04/25/25 17:16

mg/Kg

83.6

Chloride

3

_

7

9

11

13

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

Client Sample ID: S-3 (4.0')

Date Collected: 04/24/25 00:00 Date Received: 04/24/25 14:36

Lab Sample ID: 880-57313-13

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/25/25 09:09	04/25/25 18:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/25/25 09:09	04/25/25 18:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/25/25 09:09	04/25/25 18:20	1
m-Xylene & p-Xylene	< 0.00397	U	0.00397		mg/Kg		04/25/25 09:09	04/25/25 18:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/25/25 09:09	04/25/25 18:20	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/25/25 09:09	04/25/25 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				04/25/25 09:09	04/25/25 18:20	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/25/25 09:09	04/25/25 18:20	1
Method: TAL SOP Total BTEX	(- Total BTE	X Calculat	tion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			04/25/25 18:20	1
- Method: SW846 8015 NM - Di	esel Range	Organics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/27/25 05:14	1
- Method: SW846 8015B NM - [Diesel Range	Organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/24/25 16:44	04/27/25 05:14	1
Diesel Range Organics (Over C10-C28)	<50.1	U *1	50.1		mg/Kg		04/24/25 16:44	04/27/25 05:14	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/24/25 16:44	04/27/25 05:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	202	S1+	70 - 130				04/24/25 16:44	04/27/25 05:14	1
o-Terphenyl (Surr)	196	S1+	70 - 130				04/24/25 16:44	04/27/25 05:14	1
-	lan Chuama	tography	Solublo						
Method: EPA 300.0 - Anions,	ion Unroma	lograpny -	Soluble						
Method: EPA 300.0 - Anions, Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Surrogate Summary

Client: Carmona Resources Job ID: 880-57313-1 Project/Site: Sandra Jean West (02.26.2025) SDG: 2693

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		BFB1	Percent So	urrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-57310-A-1-D MS	Matrix Spike	104	105	
880-57310-A-1-E MSD	Matrix Spike Duplicate	107	104	
880-57313-1	S-1 (0-1')	220 S1+	110	
880-57313-2	S-1 (1.5')	154 S1+	104	
880-57313-3	S-1 (2.0')	103	97	
880-57313-4	S-1 (3.0')	105	96	
880-57313-5	S-2 (0-1')	109	94	
880-57313-6	S-2 (1.5')	104	97	
880-57313-7	S-2 (2.0')	103	94	
880-57313-8	S-2 (3.0')	105	95	
880-57313-9	S-3 (0.1')	256 S1+	101	
880-57313-10	S-3 (1.5')	167 S1+	103	
880-57313-11	S-3 (2.0')	109	96	
880-57313-12	S-3 (3.0')	107	99	
880-57313-13	S-3 (4.0')	107	96	
880-57377-A-1-B MS	Matrix Spike	102	106	
880-57377-A-1-C MSD	Matrix Spike Duplicate	102	106	
LCS 880-108657/1-A	Lab Control Sample	107	101	
LCS 880-108797/1-A	Lab Control Sample	109	104	
LCSD 880-108657/2-A	Lab Control Sample Dup	105	103	
LCSD 880-108797/2-A	Lab Control Sample Dup	110	101	
MB 880-108657/5-A	Method Blank	101	89	
MB 880-108797/5-A	Method Blank	98	86	
Surrogate Legend				

DFBZ = 1,4-Difluorobenzene (Surr)

Released to Imaging: 8/1/2025 9:44:01 AM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

			Percent Surrogate Recovery (Accept	ance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	' 0-130)	
880-57310-A-1-B MS	Matrix Spike	199 S1+	11 S1+	
880-57310-A-1-C MSD	Matrix Spike Duplicate	226 S1+	09 S1+	
880-57313-1	S-1 (0-1')	204 S1+	52 S1+	
880-57313-2	S-1 (1.5')	211 S1+	07 S1+	
880-57313-3	S-1 (2.0')	211 S1+	05 S1+	
880-57313-4	S-1 (3.0')	213 S1+	09 S1+	
880-57313-5	S-2 (0-1')	222 S1+	32 S1+	
880-57313-6	S-2 (1.5')	206 S1+	99 S1+	
880-57313-7	S-2 (2.0')	210 S1+	03 S1+	
880-57313-8	S-2 (3.0')	217 S1+	09 S1+	
880-57313-9	S-3 (0.1')	222 S1+	96 S1+	
880-57313-10	S-3 (1.5')	215 S1+	12 S1+	
880-57313-11	S-3 (2.0')	204 S1+	99 S1+	
880-57313-12	S-3 (3.0')	209 S1+	04 S1+	
880-57313-13	S-3 (4.0')	202 S1+	96 S1+	
LCS 880-108603/2-A	Lab Control Sample	131 S1+	122	

Surrogate Summary

Job ID: 880-57313-1 Client: Carmona Resources Project/Site: Sandra Jean West (02.26.2025) SDG: 2693

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Prep Type: Total/NA Matrix: Solid

			Percent	Surrogate Recovery (Acceptant	ice Limits)
		1CO1	OTPH1		
Lab Sample ID	Client Sample ID	(70-130)	(70-130)		
LCSD 880-108603/3-A	Lab Control Sample Dup	106	96		
MB 880-108603/1-A	Method Blank	230 S1+	233 S1+		
Surrogate Legend					
1CO = 1-Chlorooctane	(Surr)				
OTPH = o-Terphenyl (S	Surr)				

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-108657/5-A

Matrix: Solid

Analysis Batch: 108641

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108657

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 11:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 11:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 11:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/25/25 09:09	04/25/25 11:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 11:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/25/25 09:09	04/25/25 11:29	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed
4-Bromofluorobenzene (Surr)	101	70 - 130	04/25/25 09:09	04/25/25 11:29
1,4-Difluorobenzene (Surr)	89	70 - 130	04/25/25 09:09	04/25/25 11:29

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 880-108657/1-A **Matrix: Solid**

Analysis Batch: 108641

Prep Type: Total/NA

Prep Batch: 108657

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09662		mg/Kg		97	70 - 130	
Toluene	0.100	0.08786		mg/Kg		88	70 - 130	
Ethylbenzene	0.100	0.09619		mg/Kg		96	70 - 130	
m-Xylene & p-Xylene	0.200	0.1942		mg/Kg		97	70 - 130	
o-Xylene	0.100	0.09914		mg/Kg		99	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 108641

Lab Sample ID: LCSD 880-108657/2-A

Prep Type: Total/NA Prep Batch: 108657

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1002		mg/Kg		100	70 - 130	4	35
Toluene	0.100	0.08883		mg/Kg		89	70 - 130	1	35
Ethylbenzene	0.100	0.09796		mg/Kg		98	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2007		mg/Kg		100	70 - 130	3	35
o-Xylene	0.100	0.1026		mg/Kg		103	70 - 130	3	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-57310-A-1-D MS **Client Sample ID: Matrix Spike**

Matrix: Solid

Prep Type: Total/NA Analysis Batch: 108641 Prep Batch: 108657 MS MS %Rec Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Benzene <0.00200 U 0.100 0.09951 mg/Kg 100 70 - 130 Toluene <0.00200 U 0.100 0.08771 mg/Kg 88 70 - 130

Eurofins Midland

Dil Fac

QC Sample Results

0.200

0.100

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

Prep Type: Total/NA

Client Sample ID: Matrix Spike

70 - 130

70 _ 130

SDG: 2693

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-57310-A-1-D MS

<0.00399 U

<0.00200 U

Matrix: Solid

m-Xylene & p-Xylene

Analyte

o-Xylene

Ethylbenzene

Analysis Batch: 108641

Prep Batch: 108657 MS MS %Rec Sample Sample Spike Result Qualifier Added Result Qualifier Unit %Rec Limits <0.00200 U 0 100 0.09417 mg/Kg 94 70 - 130

0.1906

0.09745

mg/Kg

mg/Kg

MS MS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 70 - 130 104 1,4-Difluorobenzene (Surr) 105 70 - 130

Client Sample ID: Matrix Spike Duplicate

95

97

Prep Type: Total/NA

Prep Batch: 108657

Matrix: Solid

Analysis Batch: 108641

Lab Sample ID: 880-57310-A-1-E MSD

Sample Sample Spike MSD MSD %Rec **RPD** Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit 70 - 130 Benzene <0.00200 U 0.100 0.09892 mg/Kg 99 35 1 Toluene <0.00200 U 0.100 0.08720 87 70 - 130 35 mg/Kg Ethylbenzene <0.00200 U 0.100 0.09346 mg/Kg 93 70 - 130 35 m-Xylene & p-Xylene <0.00399 U 0.200 0.1907 mg/Kg 95 70 - 130 35 <0.00200 U 0.100 0.09780 98 35 o-Xylene mg/Kg 70 - 130

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-108797/5-A

Matrix: Solid

Analysis Batch: 108783

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108797

MB MB Result Qualifier MDL Unit Analyte RL **Prepared** Analyzed Dil Fac Benzene <0.00200 U 0.00200 mg/Kg 04/28/25 09:09 04/28/25 11:20 Toluene <0.00200 U 0.00200 mg/Kg 04/28/25 09:09 04/28/25 11:20 Ethylbenzene <0.00200 U 0.00200 mg/Kg 04/28/25 09:09 04/28/25 11:20 m-Xylene & p-Xylene <0.00400 U 0.00400 mg/Kg 04/28/25 09:09 04/28/25 11:20 04/28/25 09:09 04/28/25 11:20 o-Xylene <0.00200 U 0.00200 mg/Kg Xylenes, Total <0.00400 U 0.00400 04/28/25 09:09 04/28/25 11:20 mg/Kg

MB MB

Surrogate Qualifier I imits Dil Fac %Recovery Prepared Analyzed 4-Bromofluorobenzene (Surr) 70 - 130 04/28/25 09:09 04/28/25 11:20 98 86 70 - 130 04/28/25 09:09 04/28/25 11:20 1,4-Difluorobenzene (Surr)

Lab Sample ID: LCS 880-108797/1-A

Matrix: Solid

Analysis Batch: 108783

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108797

		Spike	LCS	LCS				%Rec	
Ana	llyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ben	zene	0.100	0.1064		mg/Kg		106	70 - 130	
Tolu	ene	0.100	0.09533		mg/Kg		95	70 - 130	
Ethy	ylbenzene	0.100	0.1041		mg/Kg		104	70 - 130	
m-X	ylene & p-Xylene	0.200	0.2146		mg/Kg		107	70 - 130	

Spike

Added

70 - 130

0 100

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

104

Lab Sample ID: LCS 880-108797/1-A

Lab Sample ID: LCSD 880-108797/2-A

Matrix: Solid

Analyte

o-Xylene

Analysis Batch: 108783

1,4-Difluorobenzene (Surr)

Matrix: Solid

Client Sample ID: Lab Control Sample

Prep Type: Total/NA **Prep Batch: 108797**

LCS LCS Result Qualifier Unit %Rec Limits mg/Kg

%Rec 70 - 130

LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 109 70 - 130

Client Sample ID: Lab Control Sample Dup

109

Prep Type: Total/NA

Analysis Batch: 108783

0 1089

Prep Batch: 108797 %Rec **RPD** Limits **RPD** Limit

Spike LCSD LCSD Added Result Qualifier **Analyte** Unit D %Rec Benzene 0.100 0.1060 mg/Kg 106 70 - 130 0 35 Toluene 0.100 0.09646 mg/Kg 96 70 - 130 35 Ethylbenzene 0.100 0.1066 mg/Kg 107 70 - 130 35 2 m-Xylene & p-Xylene 0.200 0.2201 110 70 - 130 35 mg/Kg 70 - 130 o-Xylene 0.100 0.1119 mg/Kg 112 35

LCSD LCSD %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 110 70 - 130 1,4-Difluorobenzene (Surr) 101 70 - 130

Lab Sample ID: 880-57377-A-1-B MS

Matrix: Solid

Surrogate

Analysis Batch: 108783

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 108797

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier D %Rec Limits Analyte Unit U Benzene <0.00200 0.100 0.08461 mg/Kg 85 70 - 130 Toluene <0.00200 UF1 0.100 0.06389 F1 mg/Kg 64 70 - 130 Ethylbenzene <0.00200 UF1 0.100 0.05862 F1 mg/Kg 59 70 - 130 m-Xylene & p-Xylene <0.00399 UF1 0.200 0.1159 F1 mg/Kg 58 70 - 130 o-Xylene <0.00200 UF1 0.100 0.05679 F1 mg/Kg 57 70 - 130

MS MS %Recovery Surrogate Qualifier Limits 70 - 130 4-Bromofluorobenzene (Surr) 102 1,4-Difluorobenzene (Surr) 70 - 130 106

Lab Sample ID: 880-57377-A-1-C MSD

Matrix: Solid

Analysis Ratch: 108783

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA Pren Batch: 108797

RPD
PD Limit
4 35
13 35
27 35
28 35
27 35
<u>R</u>

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-57377-A-1-C MSD

Matrix: Solid

Analysis Batch: 108783

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 108797

MSD MSD

%Recovery Qualifier Limits Surrogate 4-Bromofluorobenzene (Surr) 102 70 - 130 1,4-Difluorobenzene (Surr) 106 70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-108603/1-A

Matrix: Solid

Analysis Batch: 108764

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108603

MB MB Result Qualifier RL **MDL** Unit Analyte Prepared Analyzed Dil Fac 04/24/25 16:43 04/26/25 23:15 Gasoline Range Organics <50.0 U 50.0 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 04/24/25 16:43 04/26/25 23:15 C10-C28) mg/Kg Oil Range Organics (Over C28-C36) <50.0 U 50.0 04/24/25 16:43 04/26/25 23:15

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	230	S1+	70 - 130	04/24/25 16:43	04/26/25 23:15	1
o-Terphenyl (Surr)	233	S1+	70 - 130	04/24/25 16:43	04/26/25 23:15	1

Lab Sample ID: LCS 880-108603/2-A

Matrix: Solid

Analysis Batch: 108764

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108603

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	992.1		mg/Kg		99	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1118		mg/Kg		112	70 - 130	
C10-C28)								

Spike

Added

1000

1000

LCSD LCSD

817.3

902.7 *1

Result Qualifier

Unit

mg/Kg

mg/Kg

LCS LCS

Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane (Surr)	131	S1+	70 - 130			
o-Terphenyl (Surr)	122		70 - 130			

Lab Sample ID: LCSD 880-108603/3-A

Matrix: Solid

Analysis Batch: 108764

Client Sample ID: Lab Control Sample Dup

%Rec

90

70 - 130

Prep Type: Total/NA Prep Batch: 108603

%Rec **RPD** Limits **RPD** Limit 82 70 - 130 19 20

Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over

Released to Imaging: 8/1/2025 9:44:01 AM

C10-C28)

Analyte

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	96		70 - 130

Eurofins Midland

21

20

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-57310-A-1-B MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 108764

Prep Type: Total/NA

Prep Batch: 108603

Prep Type: Total/NA

4

_	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	1054		mg/Kg		105	70 - 130
Diesel Range Organics (Over	<50.1	U *1 F1	1010	1351	F1	mg/Kg		134	70 - 130

C10-C28)

MS MS

Surrogate	%Recovery	Qualifier	Limits		
1-Chlorooctane (Surr)	199	S1+	70 - 130		
o-Terphenyl (Surr)	211	S1+	70 - 130		

Lab Sample ID: 880-57310-A-1-C MSD **Client Sample ID: Matrix Spike Duplicate**

1010

Matrix: Solid

Analysis Batch: 108764

Prep Batch: 108603 %Rec Sample Sample Spike MSD MSD **RPD** Result Qualifier Added Result Qualifier Limits RPD Limit Unit D %Rec Gasoline Range Organics <50.1 U 1010 1088 108 70 - 130 3 20 mg/Kg

1299

mg/Kg

129

Client Sample ID: Lab Control Sample Dup

70 - 130

Diesel Range Organics (Over C10-C28)

(GRO)-C6-C10

Analyte

MSD MSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane (Surr) 226 S1+ 70 - 130 o-Terphenyl (Surr) 209 S1+ 70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-108659/1-A **Client Sample ID: Method Blank Matrix: Solid Prep Type: Soluble**

Analysis Batch: 108668

MB MB

<50.1 U*1F1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0 U	10.0	mg/Kg			04/25/25 14:49	1

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 880-108659/2-A **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 108668

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits Chloride 250 243.6 mg/Kg 97 90 - 110

Lab Sample ID: LCSD 880-108659/3-A

Matrix: Solid

Analysis Ratch: 108668

Alialysis balcii. 100000									
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	244.5		mg/Kg		98	90 - 110	0	20

Eurofins Midland

Prep Type: Soluble

20

QC Sample Results

Client: Carmona Resources Job ID: 880-57313-1

Project/Site: Sandra Jean West (02.26.2025)

SDG: 2693

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-57313-7 MS Client Sample ID: S-2 (2.0')

Matrix: Solid Prep Type: Soluble Analysis Batch: 108668

%Rec Sample Sample Spike MS MS Result Qualifier Analyte Result Qualifier Added Unit %Rec Limits Chloride 86.1 252 357.9 mg/Kg 108 90 - 110

Lab Sample ID: 880-57313-7 MSD Client Sample ID: S-2 (2.0')

Matrix: Solid Prep Type: Soluble

Analysis Batch: 108668

RPD Sample Sample Spike MSD MSD %Rec

Result Qualifier **Analyte** Added Result Qualifier Unit D %Rec Limits RPD Limit Chloride 86.1 252 359.2 109 90 - 110 0 mg/Kg

Job ID: 880-57313-1 Client: Carmona Resources Project/Site: Sandra Jean West (02.26.2025) SDG: 2693

GC VOA

Analysis Batch: 108641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57313-1	S-1 (0-1')	Total/NA	Solid	8021B	108657
880-57313-2	S-1 (1.5')	Total/NA	Solid	8021B	108657
880-57313-3	S-1 (2.0')	Total/NA	Solid	8021B	108657
880-57313-4	S-1 (3.0')	Total/NA	Solid	8021B	108657
880-57313-5	S-2 (0-1')	Total/NA	Solid	8021B	108657
880-57313-6	S-2 (1.5')	Total/NA	Solid	8021B	108657
880-57313-7	S-2 (2.0')	Total/NA	Solid	8021B	108657
880-57313-8	S-2 (3.0')	Total/NA	Solid	8021B	108657
880-57313-9	S-3 (0.1')	Total/NA	Solid	8021B	108657
880-57313-10	S-3 (1.5')	Total/NA	Solid	8021B	108657
880-57313-11	S-3 (2.0')	Total/NA	Solid	8021B	108657
880-57313-12	S-3 (3.0')	Total/NA	Solid	8021B	108657
880-57313-13	S-3 (4.0')	Total/NA	Solid	8021B	108657
MB 880-108657/5-A	Method Blank	Total/NA	Solid	8021B	108657
LCS 880-108657/1-A	Lab Control Sample	Total/NA	Solid	8021B	108657
LCSD 880-108657/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108657
880-57310-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	108657
880-57310-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	108657

Prep Batch: 108657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57313-1	S-1 (0-1')	Total/NA	Solid	5035	<u> </u>
880-57313-2	S-1 (1.5')	Total/NA	Solid	5035	
880-57313-3	S-1 (2.0')	Total/NA	Solid	5035	
880-57313-4	S-1 (3.0')	Total/NA	Solid	5035	
880-57313-5	S-2 (0-1')	Total/NA	Solid	5035	
880-57313-6	S-2 (1.5')	Total/NA	Solid	5035	
880-57313-7	S-2 (2.0')	Total/NA	Solid	5035	
880-57313-8	S-2 (3.0')	Total/NA	Solid	5035	
880-57313-9	S-3 (0.1')	Total/NA	Solid	5035	
880-57313-10	S-3 (1.5')	Total/NA	Solid	5035	
880-57313-11	S-3 (2.0')	Total/NA	Solid	5035	
880-57313-12	S-3 (3.0')	Total/NA	Solid	5035	
880-57313-13	S-3 (4.0')	Total/NA	Solid	5035	
MB 880-108657/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108657/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108657/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57310-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-57310-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 108753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57313-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-57313-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-57313-3	S-1 (2.0')	Total/NA	Solid	Total BTEX	
880-57313-4	S-1 (3.0')	Total/NA	Solid	Total BTEX	
880-57313-5	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-57313-6	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-57313-7	S-2 (2.0')	Total/NA	Solid	Total BTEX	
880-57313-8	S-2 (3.0')	Total/NA	Solid	Total BTEX	
880-57313-9	S-3 (0.1')	Total/NA	Solid	Total BTEX	

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

GC VOA (Continued)

Analysis Batch: 108753 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57313-10	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-57313-11	S-3 (2.0')	Total/NA	Solid	Total BTEX	
880-57313-12	S-3 (3.0')	Total/NA	Solid	Total BTEX	
880-57313-13	S-3 (4.0')	Total/NA	Solid	Total BTEX	

Analysis Batch: 108783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57313-9	S-3 (0.1')	Total/NA	Solid	8021B	108797
MB 880-108797/5-A	Method Blank	Total/NA	Solid	8021B	108797
LCS 880-108797/1-A	Lab Control Sample	Total/NA	Solid	8021B	108797
LCSD 880-108797/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108797
880-57377-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	108797
880-57377-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	108797

Prep Batch: 108797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57313-9	S-3 (0.1')	Total/NA	Solid	5035	
MB 880-108797/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108797/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108797/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57377-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-57377-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 108603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57313-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-57313-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-57313-3	S-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-57313-4	S-1 (3.0')	Total/NA	Solid	8015NM Prep	
880-57313-5	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-57313-6	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-57313-7	S-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-57313-8	S-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-57313-9	S-3 (0.1')	Total/NA	Solid	8015NM Prep	
880-57313-10	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-57313-11	S-3 (2.0')	Total/NA	Solid	8015NM Prep	
880-57313-12	S-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-57313-13	S-3 (4.0')	Total/NA	Solid	8015NM Prep	
MB 880-108603/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108603/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108603/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57310-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-57310-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 108764

Lab Sample ID 880-57313-1	Client Sample ID S-1 (0-1')	Prep Type Total/NA	Matrix Solid	Method 8015B NM	Prep Batch 108603
880-57313-2	S-1 (1.5')	Total/NA	Solid	8015B NM	108603
880-57313-3	S-1 (2.0')	Total/NA	Solid	8015B NM	108603

Client: Carmona Resources Job ID: 880-57313-1 Project/Site: Sandra Jean West (02.26.2025) SDG: 2693

GC Semi VOA (Continued)

Analysis Batch: 108764 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57313-4	S-1 (3.0')	Total/NA	Solid	8015B NM	108603
880-57313-5	S-2 (0-1')	Total/NA	Solid	8015B NM	108603
880-57313-6	S-2 (1.5')	Total/NA	Solid	8015B NM	108603
880-57313-7	S-2 (2.0')	Total/NA	Solid	8015B NM	108603
880-57313-8	S-2 (3.0')	Total/NA	Solid	8015B NM	108603
880-57313-9	S-3 (0.1')	Total/NA	Solid	8015B NM	108603
880-57313-10	S-3 (1.5')	Total/NA	Solid	8015B NM	108603
880-57313-11	S-3 (2.0')	Total/NA	Solid	8015B NM	108603
880-57313-12	S-3 (3.0')	Total/NA	Solid	8015B NM	108603
880-57313-13	S-3 (4.0')	Total/NA	Solid	8015B NM	108603
MB 880-108603/1-A	Method Blank	Total/NA	Solid	8015B NM	108603
LCS 880-108603/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108603
LCSD 880-108603/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108603
880-57310-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	108603
880-57310-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	108603

Analysis Batch: 108854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57313-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-57313-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-57313-3	S-1 (2.0')	Total/NA	Solid	8015 NM	
880-57313-4	S-1 (3.0')	Total/NA	Solid	8015 NM	
880-57313-5	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-57313-6	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-57313-7	S-2 (2.0')	Total/NA	Solid	8015 NM	
880-57313-8	S-2 (3.0')	Total/NA	Solid	8015 NM	
880-57313-9	S-3 (0.1')	Total/NA	Solid	8015 NM	
880-57313-10	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-57313-11	S-3 (2.0')	Total/NA	Solid	8015 NM	
880-57313-12	S-3 (3.0')	Total/NA	Solid	8015 NM	
880-57313-13	S-3 (4.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 108659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57313-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-57313-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-57313-3	S-1 (2.0')	Soluble	Solid	DI Leach	
880-57313-4	S-1 (3.0')	Soluble	Solid	DI Leach	
880-57313-5	S-2 (0-1')	Soluble	Solid	DI Leach	
880-57313-6	S-2 (1.5')	Soluble	Solid	DI Leach	
880-57313-7	S-2 (2.0')	Soluble	Solid	DI Leach	
880-57313-8	S-2 (3.0')	Soluble	Solid	DI Leach	
880-57313-9	S-3 (0.1')	Soluble	Solid	DI Leach	
880-57313-10	S-3 (1.5')	Soluble	Solid	DI Leach	
880-57313-11	S-3 (2.0')	Soluble	Solid	DI Leach	
880-57313-12	S-3 (3.0')	Soluble	Solid	DI Leach	
880-57313-13	S-3 (4.0')	Soluble	Solid	DI Leach	
MB 880-108659/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108659/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

HPLC/IC (Continued)

Leach Batch: 108659 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-108659/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	_
880-57313-7 MS	S-2 (2.0')	Soluble	Solid	DI Leach	
880-57313-7 MSD	S-2 (2.0')	Soluble	Solid	DI Leach	

Analysis Batch: 108668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57313-1	S-1 (0-1')	Soluble	Solid	300.0	108659
880-57313-2	S-1 (1.5')	Soluble	Solid	300.0	108659
880-57313-3	S-1 (2.0')	Soluble	Solid	300.0	108659
880-57313-4	S-1 (3.0')	Soluble	Solid	300.0	108659
880-57313-5	S-2 (0-1')	Soluble	Solid	300.0	108659
880-57313-6	S-2 (1.5')	Soluble	Solid	300.0	108659
880-57313-7	S-2 (2.0')	Soluble	Solid	300.0	108659
880-57313-8	S-2 (3.0')	Soluble	Solid	300.0	108659
880-57313-9	S-3 (0.1')	Soluble	Solid	300.0	108659
880-57313-10	S-3 (1.5')	Soluble	Solid	300.0	108659
880-57313-11	S-3 (2.0')	Soluble	Solid	300.0	108659
880-57313-12	S-3 (3.0')	Soluble	Solid	300.0	108659
880-57313-13	S-3 (4.0')	Soluble	Solid	300.0	108659
MB 880-108659/1-A	Method Blank	Soluble	Solid	300.0	108659
LCS 880-108659/2-A	Lab Control Sample	Soluble	Solid	300.0	108659
LCSD 880-108659/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108659
880-57313-7 MS	S-2 (2.0')	Soluble	Solid	300.0	108659
880-57313-7 MSD	S-2 (2.0')	Soluble	Solid	300.0	108659

Job ID: 880-57313-1

SDG: 2693

Client Sample ID: S-1 (0-1')

Date Collected: 04/24/25 00:00 Date Received: 04/24/25 14:36 Lab Sample ID: 880-57313-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108657	04/25/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 13:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108753	04/25/25 13:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			108854	04/27/25 01:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	108603	04/24/25 16:44	FC	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	108764	04/27/25 01:44	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	108659	04/25/25 09:25	SMC	EET MID
Soluble	Analysis	300.0		1			108668	04/25/25 15:40	CH	EET MID

Client Sample ID: S-1 (1.5')

Date Collected: 04/24/25 00:00

Lab Sa

Date Received: 04/24/25 14:36

Lab Sample ID: 880-57313-2

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	108657	04/25/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 13:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108753	04/25/25 13:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			108854	04/27/25 02:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108603	04/24/25 16:44	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/27/25 02:00	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	108659	04/25/25 09:25	SMC	EET MID
Soluble	Analysis	300.0		1			108668	04/25/25 15:57	CH	EET MID

Client Sample ID: S-1 (2.0')

Date Collected: 04/24/25 00:00

Lab Sample ID: 880-57313-3

Matrix: Solid

Date Received: 04/24/25 14:36

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	108657	04/25/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 13:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108753	04/25/25 13:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			108854	04/27/25 02:16	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108603	04/24/25 16:44	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/27/25 02:16	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108659	04/25/25 09:25	SMC	EET MID
Soluble	Analysis	300.0		1			108668	04/25/25 16:02	CH	EET MID

Client Sample ID: S-1 (3.0')

Date Collected: 04/24/25 00:00

Lab Sample ID: 880-57313-4

Matrix: Solid

Date Received: 04/24/25 14:36

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	108657	04/25/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 14:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108753	04/25/25 14:14	SM	EET MID

Eurofins Midland

2

_

5

7

9

11

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

Client Sample ID: S-1 (3.0')

Date Collected: 04/24/25 00:00 Date Received: 04/24/25 14:36 Lab Sample ID: 880-57313-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108854	04/27/25 02:32	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	108603	04/24/25 16:44	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/27/25 02:32	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	108659	04/25/25 09:25	SMC	EET MID
Soluble	Analysis	300.0		1			108668	04/25/25 16:08	CH	EET MID

Lab Sample ID: 880-57313-5

Matrix: Solid

Date Collected: 04/24/25 00:00 Date Received: 04/24/25 14:36

Client Sample ID: S-2 (0-1')

Batch Batch Dil Initial Final **Batch** Prepared **Prep Type** Method Amount Amount Number Type Run **Factor** or Analyzed **Analyst** Lab Total/NA 5035 Prep 4.97 g 108657 04/25/25 09:09 AA **EET MID** 5 mL Total/NA Analysis 8021B 5 mL 5 mL 108641 04/25/25 14:34 MNR **EET MID** 1 Total/NA **Total BTEX** Analysis 1 108753 04/25/25 14:34 SM **EET MID** Total/NA 8015 NM 108854 04/27/25 02:49 SM Analysis **EET MID** Total/NA Prep 8015NM Prep 9.98 g 10 mL 108603 04/24/25 16:44 FC **EET MID** Total/NA 8015B NM 108764 04/27/25 02:49 TKC Analysis 1 uL 1 uL **EET MID** 04/25/25 09:25 SMC Soluble Leach DI Leach 5.01 g 50 mL 108659 **EET MID** Analysis 300.0 108668 04/25/25 16:14 CH **EET MID** Soluble 1

Client Sample ID: S-2 (1.5')

Date Collected: 04/24/25 00:00

Lab Sample ID: 880-57313-6

Matrix: Solid

Date Received: 04/24/25 14:36

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	108657	04/25/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 14:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108753	04/25/25 14:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			108854	04/27/25 03:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108603	04/24/25 16:44	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/27/25 03:04	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	108659	04/25/25 09:25	SMC	EET MID
Soluble	Analysis	300.0		1			108668	04/25/25 16:19	CH	EET MID

Client Sample ID: S-2 (2.0')

Date Collected: 04/24/25 00:00

Lab Sample ID: 880-57313-7

Matrix: Solid

Date Received: 04/24/25 14:36

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108657	04/25/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 16:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108753	04/25/25 16:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			108854	04/27/25 03:37	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.03 g 1 uL	10 mL 1 uL	108603 108764	04/24/25 16:44 04/27/25 03:37	FC TKC	EET MID EET MID

Eurofins Midland

Page 29 of 38

Lab Chronicle

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1 SDG: 2693

Client Sample ID: S-2 (2.0')

Date Collected: 04/24/25 00:00 Date Received: 04/24/25 14:36

Lab Sample ID: 880-57313-7

Matrix: Solid

Batch Batch Dil Initial Batch Final Prepared **Prep Type** Method **Factor** Number or Analyzed Analyst Type Run **Amount** Amount Soluble Leach DI Leach 4.97 g 50 mL 108659 04/25/25 09:25 SMC EET MID Soluble 300.0 108668 04/25/25 16:25 CH Analysis **EET MID** 1

Client Sample ID: S-2 (3.0') Lab Sample ID: 880-57313-8

Date Collected: 04/24/25 00:00 Matrix: Solid

Date Received: 04/24/25 14:36

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	108657	04/25/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 16:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108753	04/25/25 16:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			108854	04/27/25 03:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108603	04/24/25 16:44	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/27/25 03:53	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108659	04/25/25 09:25	SMC	EET MID
Soluble	Analysis	300.0		1			108668	04/25/25 16:42	CH	EET MID

Client Sample ID: S-3 (0.1')

Date Collected: 04/24/25 00:00

Date Received: 04/24/25 14:36

Lab Sample	ID: 880-57313-9
------------	-----------------

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108657	04/25/25 09:09	AA	EET MI
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 16:58	MNR	EET MI
Total/NA	Prep	5035			5.02 g	5 mL	108797	04/28/25 09:09	MNR	EET MI
Total/NA	Analysis	8021B		20	5 mL	5 mL	108783	04/28/25 16:31	MNR	EET MII
Total/NA	Analysis	Total BTEX		1			108753	04/28/25 16:31	SM	EET MII
Total/NA	Analysis	8015 NM		1			108854	04/27/25 04:09	SM	EET MII
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	108603	04/24/25 16:44	FC	EET MII
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	108764	04/27/25 04:09	TKC	EET MII
Soluble	Leach	DI Leach			5.03 g	50 mL	108659	04/25/25 09:25	SMC	EET MI
Soluble	Analysis	300.0		1			108668	04/25/25 16:47	CH	EET MI

Client Sample ID: S-3 (1.5') Lab Sample ID: 880-57313-10

Date Collected: 04/24/25 00:00 Date Received: 04/24/25 14:36

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	108657	04/25/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 17:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108753	04/25/25 17:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			108854	04/27/25 04:25	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	9.99 g 1 uL	10 mL 1 uL	108603 108764	04/24/25 16:44 04/27/25 04:25	FC TKC	EET MID EET MID

Eurofins Midland

Matrix: Solid

Job ID: 880-57313-1

SDG: 2693

Client Sample ID: S-3 (1.5')

Date Collected: 04/24/25 00:00 Date Received: 04/24/25 14:36 Lab Sample ID: 880-57313-10

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	108659	04/25/25 09:25	SMC	EET MID
Soluble	Analysis	300.0		1			108668	04/25/25 17:04	CH	EET MID

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-57313-11

Date Collected: 04/24/25 00:00 Matrix: Solid
Date Received: 04/24/25 14:36

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type **Amount Amount** Number or Analyzed Run **Factor** Analyst Lab 5035 Total/NA Prep 4.96 g 5 mL 108657 04/25/25 09:09 AA **EET MID** Total/NA 8021B Analysis 5 mL 5 mL 04/25/25 17:39 MNR 108641 **EET MID** 1 Total/NA Analysis Total BTEX 108753 04/25/25 17:39 SM **EET MID** 1 Total/NA 8015 NM Analysis 1 108854 04/27/25 04:41 SM **EET MID** Total/NA Prep 8015NM Prep 10.04 g 10 mL 108603 04/24/25 16:44 FC **EET MID** Total/NA 8015B NM 1 uL 108764 **EET MID** Analysis 1 uL 04/27/25 04:41 TKC Soluble DI Leach 4.97 g 50 mL 108659 04/25/25 09:25 SMC **EET MID** Leach 300.0 04/25/25 17:10 CH EET MID Soluble Analysis 108668 1

Client Sample ID: S-3 (3.0') Lab Sample ID: 880-57313-12

Date Collected: 04/24/25 00:00 Matrix: Solid
Date Received: 04/24/25 14:36

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108657	04/25/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 18:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108753	04/25/25 18:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			108854	04/27/25 04:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	108603	04/24/25 16:44	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/27/25 04:57	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108659	04/25/25 09:25	SMC	EET MID
Soluble	Analysis	300.0		1			108668	04/25/25 17:16	CH	EET MID

Client Sample ID: S-3 (4.0') Lab Sample ID: 880-57313-13

Date Collected: 04/24/25 00:00 Matrix: Solid
Date Received: 04/24/25 14:36

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	108657	04/25/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 18:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108753	04/25/25 18:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			108854	04/27/25 05:14	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	108603	04/24/25 16:44	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/27/25 05:14	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	108659	04/25/25 09:25	SMC	EET MID
Soluble	Analysis	300.0		1			108668	04/25/25 17:21	CH	EET MID

Lab Chronicle

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Job ID: 880-57313-1

SDG: 2693

3

4

6

8

9

10

12

13

Accreditation/Certification Summary

Client: Carmona Resources Job ID: 880-57313-1 Project/Site: Sandra Jean West (02.26.2025)

SDG: 2693

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Progr	am	Identification Number	Expiration Date 06-30-25	
Texas	NELA	Р	T104704400		
for which the agency	does not offer certification	I.	not certified by the governing author	ity. This list may inc	
0 ,	•	•	not certified by the governing author Analyte	rity. This list may inc	
for which the agency	does not offer certification	I.	, , ,	ity. This list may inc	

Method Summary

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

Released to Imaging: 8/1/2025 9:44:01 AM

2

Л

5

0

8

9

11

Sample Summary

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57313-1

SDG: 2693

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57313-1	S-1 (0-1')	Solid	04/24/25 00:00	04/24/25 14:36
880-57313-2	S-1 (1.5')	Solid	04/24/25 00:00	04/24/25 14:36
880-57313-3	S-1 (2.0')	Solid	04/24/25 00:00	04/24/25 14:36
880-57313-4	S-1 (3.0')	Solid	04/24/25 00:00	04/24/25 14:36
880-57313-5	S-2 (0-1')	Solid	04/24/25 00:00	04/24/25 14:36
880-57313-6	S-2 (1.5')	Solid	04/24/25 00:00	04/24/25 14:36
80-57313-7	S-2 (2.0')	Solid	04/24/25 00:00	04/24/25 14:36
80-57313-8	S-2 (3.0')	Solid	04/24/25 00:00	04/24/25 14:36
80-57313-9	S-3 (0.1')	Solid	04/24/25 00:00	04/24/25 14:36
80-57313-10	S-3 (1.5')	Solid	04/24/25 00:00	04/24/25 14:36
80-57313-11	S-3 (2.0')	Solid	04/24/25 00:00	04/24/25 14:36
30-57313-12	S-3 (3.0')	Solid	04/24/25 00:00	04/24/25 14:36
80-57313-13	S-3 (4.0')	Solid	04/24/25 00:00	04/24/25 14:36

3

4

5

7

4 4

12

13

Page 36 of 38

4/28/2025

Chain of Custody



80-57313 Chain of Custody	7

																					age	1 of2	2
Project Manager: A	shton Thielk	(e			Bill to: (if	different)		Laci L	uig									Work	Orde	r Com	ments		
Company Name: C	armona Res	sources			Company	y Name:		Cima	rex En	ergy					Pro	gram:	UST/P	ST PRP	Prov	wnfield	s RC	perfund	3 [
Address: 3	10 W Wall S	St Ste 500			Address:			600 N	Marie	nfield St	, Suite 6	00			Sta	te of P	roject:						
City, State ZIP:	Midland, TX 7	79701			City, Stat	te ZIP:		Midla	nd, TX	79701					Re	oorting:	_evel II	Level I	ı Ds	T/UST	RRP	Level IV	
	32-813-898	8		Ema	il: laci.luig	@coterra	a.com &	& ashton.thielke@coterra.com						Deliverables: EDD ADaP					РТ 🗆	Other	:		
Project Name:	Sandra	Jean West (02	.26.2025)	Tur	n Around							A	NALY	SIS RE	REQUEST					Preservative Codes			
Project Number:		2693		Routine			Pres. Code													Non	e: NO	DI Water: I	H ₂ O
Project Location Sampler's Name:	Lea	County, New N	1exico	Due Date:	48	hr.			+ MRO)											HCL	l: Cool .: HC 0 ₄ : H ₂	MeOH: Me HNO ₃ : HN NaOH: Na	
SAMPLE RECEIP Received Intact: Cooler Custody Seals:	Yes No N/A		Yes No Thermometer ID Yes No N/A Correction Factor		Yes No		Parameters	BTEX 8021B	GRO + DRO	Chloride 300.0									PION	H ₃ P Nah Na ₂	O ₄ : HP ISO ₄ : NABI S ₂ O ₃ : NaSO	S D ₃	
Sample Custody Seals Total Containers:	Yes	No N/A	Corrected Temp		3	3		-	8015M (Acetate+Na H+Ascorbi	OH: Zn c Acid: SAPC	
Sample Identi	fication	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH												Sample	Comments	
S-1 (0-1	')	4/24/2025		X		G	1	Х	Х	Х													
S-1 (1.5	5')	4/24/2025		Х		G	1	Х	Х	Х													
S-1 (2.0)')	4/24/2025		Х		G	1	Х	Х	Х													
S-1 (3.0)')	4/24/2025		Х		G	1	Х	Х	Х													
S-2 (0-1	')	4/24/2025		Х		G	1	Х	Х	Х													
S-2 (1.5	5')	4/24/2025		X		G	1	Х	Х	Х													
S-2 (2.0)')	4/24/2025		Х		G	1	Х	Х	Х													
S-2 (3.0)')	4/24/2025		X		G	1	Х	Х	Х													
S-3 (0-1	')	4/24/2025		X		G	1	Х	Х	Х													
S-3 /1 F	(')	4/24/2025		X		G	1	X	X	X													

	_
Commen	ts:

Received by OCD: 6/20/2025 9:22:21 AM

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	, Date/Time
000-			4/24/25 1486
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	

Chain of Custody

Work Order No: <u>573/3</u>

4/28/2025

Released to Imaging: 8/1/2025 9:44:01 AM

Company Name:	Ashton Thielk	е			Bill to: (if	different)	All a	Laci L	.uig								Work Order Comments					
	Carmona Res	ources			Company	y Name:		Cimar	rex Ene	ergy				Pro	gram:	UST/P	ST [PI	RP [rowi	nfields DtRC	perfund [
Address:	310 W Wall S	t Ste 500			Address:			600 N Marienfield St, Suite 600				State of Project:										
City, State ZIP:	Midland, TX 7	9701			City, Stal	te ZIP:		Midland, TX 79701									Level IV					
hone:	432-813-8988			Ema	il: laci.luigi		.com &	ashto	n.thiell	ke@co	terra.com Deliverables: EDD A					ADaP	T Other:					
roject Name:	Sandra	Jean West (02	.26.2025)	Tur	n Around							ANALY	SIS RE	QUES	Т	(1911)		MAN TO		Preserva	tive Codes	
roject Number:		2693		Routine	✓Rush		Pres. Code													None: NO	DI Water: H ₂ O	
oject Location	Lea	County, New N	Лехісо	Due Date:	48	hr.														Cool: Cool	MeOH: Me	
mpler's Name:		GPJ							80											HCL: HC	HNO ₃ : HN	
#:							2		+											H ₂ S0 ₄ : H ₂	NaOH: Na	
MPLE RECEI	IPT : Te	mp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	6	TPH 8015M (GRO + DRO + MRO)	0.00										H₃PO₄: HP		
ceived Intact:	Y Y	es No	Thermometer I	ID:			aran	BTEX 8021B	0	de 30									Hold	NaHSO4: NABIS	3	
oler Custody Seal	s: Yes	No N/A	Correction Fac	tor:	7		9	TEX	M (GRO + DRC	loric				-1					I	Na ₂ S ₂ O ₃ : NaSO	3	
mple Custody Sea	als: Yes	No N/A	Temperature F					œ	15M	5										Zn Acetate+NaC		
tal Containers:	200		Corrected Terr	perature:					8 1											NaOH+Ascorbio	Acid: SAPC	
Sample Ider	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TP											Sample (comments	
S-3 (2	2.0')	4/24/2025		X		G	1	Х	Х	Х												
S-3 (3	3.0')	4/24/2025		X		G	1	Х	Х	Х												
	4.0')	4/24/2025		Х		G	1	Х	Х	Х												
S-3 (4													_			-						
S-3 (4														- 1	- 1	1						
S-3 (4											-	+-1	-	+								
S-3 (4																					-	
S-3 (¢																						
S-3 (4																						

Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-57313-1

SDG Number: 2693

Login Number: 57313 **List Source: Eurofins Midland**

List Number: 1

Creator: Lee, Randell

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke Carmona Resources 310 W Wall St Ste 500 Midland, Texas 79701

Generated 4/28/2025 12:16:08 PM

JOB DESCRIPTION

Sandra Jean West (02.26.2025) 2693

JOB NUMBER

880-57310-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

See page two for job notes and contact information.

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated 4/28/2025 12:16:08 PM

Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440

4

Client: Carmona Resources Project/Site: Sandra Jean West (02.26.2025) Laboratory Job ID: 880-57310-1

SDG: 2693

T	<u>a</u>	h	Of	Co	nte	nts
	a	V	VI	VV		1113

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	9
QC Sample Results	10
QC Association Summary	14
Lab Chronicle	16
Certification Summary	18
Method Summary	19
Sample Summary	20
Chain of Custody	21
Receipt Checklists	22

3

4

9

10

12

13

Definitions/Glossary

Client: Carmona Resources Job ID: 880-57310-1 Project/Site: Sandra Jean West (02.26.2025)

SDG: 2693

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.
HPLC/IC	

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
\$	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry) EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE) MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry) MDL Method Detection Limit Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present PQL Practical Quantitation Limit

Presumptive **PRES** QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

Job ID: 880-57310-1

Case Narrative

Client: Carmona Resources

Project: Sandra Jean West (02.26.2025)

Job ID: 880-57310-1 Eurofins Midland

Job Narrative 880-57310-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these
 situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise
 specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/24/2025 2:36 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.3°C.

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-108603 and analytical batch 880-108764 was outside the upper control limits.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-108603 and analytical batch 880-108764 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-108603 and analytical batch 880-108764 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-108603/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5') (880-57310-1), H-2 (0-0.5') (880-57310-2), H-3 (0-0.5') (880-57310-3), H-4 (0-0.5') (880-57310-4), (880-57310-A-1-B MS) and (880-57310-A-1-C MSD). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Midland

3

4

6

8

10

1 0

13

Client Sample Results

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57310-1 SDG: 2693

Lab Sample ID: 880-57310-1

Matrix: Solid

Client Sample ID: H-1 (0-0.5')

Date Collected: 04/24/25 00:00 Date Received: 04/24/25 14:36

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 11:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/25/25 09:09	04/25/25 11:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 11:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/25 09:09	04/25/25 11:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/25/25 09:09	04/25/25 11:50	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/25/25 09:09	04/25/25 11:50	1
Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/25 11:50	1
Method: SW846 8015 NM - Diese Analyte	Range Organ	ics (DRO) (GC)	MDL	Unit	<u>D</u>	Prepared	Analyzed	
Method: SW846 8015 NM - Diese Analyte	l Range Organ	ics (DRO) (GC)	MDL		<u>D</u>	Prepared	Analyzed 04/27/25 00:08	
Method: SW846 8015 NM - Diese Analyte Total TPH	Range Organ Result <50.1	ics (DRO) (Qualifier	GC) RL 50.1	MDL	Unit	<u>D</u>	Prepared		
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Dies	Range Organ Result <50.1 sel Range Organ	ics (DRO) (Qualifier	GC) RL 50.1		Unit	D	Prepared Prepared		1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	Range Organ Result <50.1 sel Range Organ	Qualifier Unics (DRO) Qualifier	RL 50.1 (GC)		Unit mg/Kg		<u> </u>	04/27/25 00:08	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 	Qualifier Unics (DRO) Qualifier	GC) RL 50.1 (GC) RL		Unit mg/Kg		Prepared	04/27/25 00:08 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GR0)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 	Company (Company) (Company	GC) RL 50.1 (GC) RL 50.1		Unit mg/Kg Unit mg/Kg		Prepared 04/24/25 16:44	04/27/25 00:08 Analyzed 04/27/25 00:08	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result 	Company (Company) (Company	GC) RL 50.1 (GC) RL 50.1 50.1		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 04/24/25 16:44 04/24/25 16:44	04/27/25 00:08 Analyzed 04/27/25 00:08 04/27/25 00:08	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	sel Range Organ Result <50.1 sel Range Orga Result <50.1 <50.1 <50.1	Company (Company) (Company	GC) RL 50.1 (GC) RL 50.1 50.1		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 04/24/25 16:44 04/24/25 16:44	04/27/25 00:08 Analyzed 04/27/25 00:08 04/27/25 00:08 04/27/25 00:08	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr)	Range Organ Result <50.1	Company (Company) (Company	GC) RL 50.1 (GC) RL 50.1 50.1 Limits		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 04/24/25 16:44 04/24/25 16:44 04/24/25 16:44 Prepared	04/27/25 00:08 Analyzed 04/27/25 00:08 04/27/25 00:08 04/27/25 00:08 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr) o-Terphenyl (Surr)	Range Organ Result	Control (Control (Con	GC) RL 50.1 (GC) RL 50.1 50.1 50.1 Limits 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 04/24/25 16:44 04/24/25 16:44 04/24/25 16:44 Prepared 04/24/25 16:44	04/27/25 00:08 Analyzed 04/27/25 00:08 04/27/25 00:08 04/27/25 00:08 Analyzed 04/27/25 00:08	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result Sel Range Organ Result <50.1 Sel Range Organ Result <50.1 <50.1 <50.1 <50.1 <20.1 <21.2 Chromatograp	Control (Control (Con	GC) RL 50.1 (GC) RL 50.1 50.1 50.1 Limits 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 04/24/25 16:44 04/24/25 16:44 04/24/25 16:44 Prepared 04/24/25 16:44	04/27/25 00:08 Analyzed 04/27/25 00:08 04/27/25 00:08 04/27/25 00:08 Analyzed 04/27/25 00:08	1 Dil Fac

Client Sample ID: H-2 (0-0.5') Lab Sample ID: 880-57310-2 Date Collected: 04/24/25 00:00 **Matrix: Solid**

Date Received: 04/24/25 14:36

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/25/25 09:09	04/25/25 12:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/25/25 09:09	04/25/25 12:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/25/25 09:09	04/25/25 12:11	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/25/25 09:09	04/25/25 12:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/25/25 09:09	04/25/25 12:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/25/25 09:09	04/25/25 12:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				04/25/25 09:09	04/25/25 12:11	1
1.4-Difluorobenzene (Surr)	93		70 - 130				04/25/25 09:09	04/25/25 12:11	1

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57310-1

SDG: 2693

Client Sample ID: H-2 (0-0.5')

Date Collected: 04/24/25 00:00 Date Received: 04/24/25 14:36 Lab Sample ID: 880-57310-2

Matrix: Solid

Method: TAL SOP Total BTEX - Total	STEX Cal	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/25/25 12:11	1
Method: SW846 8015 NM - Diesel Rar	ige Organ	ics (DRO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/25 00:57	1
- Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		04/24/25 16:44	04/27/25 00:57	-
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U *1	50.0		mg/Kg		04/24/25 16:44	04/27/25 00:57	,
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 16:44	04/27/25 00:57	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	223	S1+	70 - 130				04/24/25 16:44	04/27/25 00:57	
o-Terphenyl (Surr)	220	S1+	70 - 130				04/24/25 16:44	04/27/25 00:57	1

Method: EPA 300.0 - Anions, Ion Ch	romatograp	hy - Soluble						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		9.92	mg/K	g		04/25/25 15:23	1

Client Sample ID: H-3 (0-0.5') Lab Sample ID: 880-57310-3 Date Collected: 04/24/25 00:00 **Matrix: Solid**

Date Received: 04/24/25 14:36

Released to Imaging: 8/1/2025 9:44:01 AM

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201	U	0.00201		mg/Kg		04/25/25 09:09	04/25/25 12:31	
Toluene	<0.00201	U	0.00201		mg/Kg		04/25/25 09:09	04/25/25 12:31	•
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/25/25 09:09	04/25/25 12:31	,
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/25/25 09:09	04/25/25 12:31	
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/25/25 09:09	04/25/25 12:31	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/25/25 09:09	04/25/25 12:31	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	106		70 - 130				04/25/25 09:09	04/25/25 12:31	
1,4-Difluorobenzene (Surr)	93		70 - 130				04/25/25 09:09	04/25/25 12:31	
Method: TAL SOP Total BTEX	- Total BTEX Cald			MDL	Unit	D			
Method: TAL SOP Total BTEX	- Total BTEX Cald			MDI	Unit	D			
•	- Total BTEX Cald	Qualifier	RL 0.00402	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 04/25/25 12:31	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00402 esel Range Organ	Qualifier U	RL 0.00402		mg/Kg		Prepared	Analyzed 04/25/25 12:31	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00402 esel Range Organ Result	Qualifier U ics (DRO) (Qualifier	RL 0.00402	MDL	mg/Kg	<u>D</u>		Analyzed 04/25/25 12:31	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00402 esel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00402		mg/Kg		Prepared	Analyzed 04/25/25 12:31	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00402 esel Range Organ Result <49.7	Qualifier U ics (DRO) (Qualifier U	RL 0.00402 GC) RL 49.7		mg/Kg		Prepared	Analyzed 04/25/25 12:31	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00402 esel Range Organ Result <49.7 diesel Range Orga	Qualifier U ics (DRO) (Qualifier U	RL 0.00402 GC) RL 49.7	MDL	mg/Kg		Prepared	Analyzed 04/25/25 12:31	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	- Total BTEX Calc Result <0.00402 esel Range Organ Result <49.7 diesel Range Orga	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00402 GC) RL 49.7	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 04/25/25 12:31 Analyzed 04/27/25 01:12	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	- Total BTEX Calc Result <0.00402 esel Range Organ Result <49.7 diesel Range Orga Result	Qualifier U ics (DRO) (Qualifier U mics (DRO) Qualifier U	RL 0.00402 GC) RL 49.7 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	Analyzed 04/25/25 12:31 Analyzed 04/27/25 01:12 Analyzed	Dil Fa

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57310-1

SDG: 2693

Client Sample ID: H-3 (0-0.5')

Date Collected: 04/24/25 00:00 Date Received: 04/24/25 14:36

Lab Sample ID: 880-57310-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/24/25 16:44	04/27/25 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	217	S1+	70 - 130				04/24/25 16:44	04/27/25 01:12	1
o-Terphenyl (Surr)	212	S1+	70 - 130				04/24/25 16:44	04/27/25 01:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 97.3 10.0 04/25/25 15:28 mg/Kg

Client Sample ID: H-4 (0-0.5')

Date Collected: 04/24/25 00:00

Lab Sample ID: 880-57310-4

Matrix: Solid

Date Received: 04/24/25 14:36

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/25 09:09	04/25/25 12:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/25 09:09	04/25/25 12:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/25 09:09	04/25/25 12:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/25/25 09:09	04/25/25 12:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/25 09:09	04/25/25 12:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/25 09:09	04/25/25 12:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				04/25/25 09:09	04/25/25 12:52	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/25/25 09:09	04/25/25 12:52	1
- Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	П	0.00398		mg/Kg			04/25/25 12:52	1

Method: SW846 8015 NM - Diese	el Range Organi	ics (DRO) (GC	()						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/27/25 01:29	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO) (G	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Result	Qualifier	KL	MDL	Unit	U	Prepared	Analyzeu	Dil Fac
<49.6	U	49.6		mg/Kg		04/24/25 16:44	04/27/25 01:29	1
<49.6	U *1	49.6		mg/Kg		04/24/25 16:44	04/27/25 01:29	1
<49.6	U	49.6		mg/Kg		04/24/25 16:44	04/27/25 01:29	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
221	S1+	70 - 130				04/24/25 16:44	04/27/25 01:29	1
	<49.6 <49.6 <49.6 %Recovery	Kesult Qualifier <49.6 U*1 <49.6 U %Recovery Qualifier 221 S1+	<49.6 U 49.6 <49.6 U*1 49.6 <49.6 U 49.6 %Recovery Qualifier Limits	<49.6 U 49.6 <49.6 U *1 49.6 <49.6 U 49.6 %Recovery Qualifier Limits	<49.6	<49.6	<49.6	<49.6

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
	Chloride	95.8	9.94	mg/Kg]		04/25/25 15:34	1	

70 - 130

214 S1+

Eurofins Midland

04/27/25 01:29

04/24/25 16:44

o-Terphenyl (Surr)

4/28/2025

Surrogate Summary

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57310-1

SDG: 2693

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-57310-1	H-1 (0-0.5')	104	98	
880-57310-1 MS	H-1 (0-0.5')	104	105	
880-57310-1 MSD	H-1 (0-0.5')	107	104	
880-57310-2	H-2 (0-0.5')	107	93	
880-57310-3	H-3 (0-0.5')	106	93	
880-57310-4	H-4 (0-0.5')	107	97	
LCS 880-108657/1-A	Lab Control Sample	107	101	
LCSD 880-108657/2-A	Lab Control Sample Dup	105	103	
MB 880-108657/5-A	Method Blank	101	89	
Surrogate Legend				

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Prep Type: Total/NA **Matrix: Solid**

				Percent Surrogate Recovery (Acceptance Limits
		1CO1	OTPH1	
Sample ID	Client Sample ID	(70-130)	(70-130)	
-57310-1	H-1 (0-0.5')	221 S1+	212 S1+	
-57310-1 MS	H-1 (0-0.5')	199 S1+	211 S1+	
-57310-1 MSD	H-1 (0-0.5')	226 S1+	209 S1+	
57310-2	H-2 (0-0.5')	223 S1+	220 S1+	
57310-3	H-3 (0-0.5')	217 S1+	212 S1+	
57310-4	H-4 (0-0.5')	221 S1+	214 S1+	
880-108603/2-A	Lab Control Sample	131 S1+	122	
0 880-108603/3-A	Lab Control Sample Dup	106	96	
880-108603/1-A	Method Blank	230 S1+	233 S1+	

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57310-1

SDG: 2693

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-108657/5-A

Lab Sample ID: LCS 880-108657/1-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 108641

Analysis Batch: 108641

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108657

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 11:29	
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 11:29	,
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 11:29	,
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/25/25 09:09	04/25/25 11:29	
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/25 09:09	04/25/25 11:29	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/25/25 09:09	04/25/25 11:29	,

MB MB

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/25/25 09:09	04/25/25 11:29	1
1.4-Difluorobenzene (Surr)	89		70 - 130	04/25/25 09:09	04/25/25 11:29	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108657

Prep Type: Total/NA

3

35

35

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.09662 mg/Kg 97 70 - 130 Toluene 0.100 0.08786 mg/Kg 88 70 - 130 Ethylbenzene 0.100 0.09619 mg/Kg 96 70 - 130 97 m-Xylene & p-Xylene 0.200 0.1942 mg/Kg 70 - 130 0.100 o-Xylene 0.09914 mg/Kg 70 - 130

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	107	70 - 130
1,4-Difluorobenzene (Surr)	101	70 - 130

Lab Sample ID: LCSD 880-108657/2-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

m-Xylene & p-Xylene

o-Xylene

Analysis

Analysis Batch: 108641						Prep Batch: 1086				
	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1002		mg/Kg		100	70 - 130	4	35	
Toluene	0.100	0.08883		mg/Kg		89	70 - 130	1	35	
Ethylbenzene	0.100	0.09796		mg/Kg		98	70 - 130	2	35	

0.2007

0.1026

mg/Kg

mg/Kg

100

103

70 - 130

70 - 130

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-57310-1 MS **Client Sample ID: H-1 (0-0.5')**

Matrix: Solid Prep Type: Total/NA Analysis Batch: 108641 Prep Batch: 108657

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits

0.200

0.100

<0.00200 U Benzene 0.100 0.09951 mg/Kg 100 70 - 130 Toluene <0.00200 U 0.100 0.08771 mg/Kg 88 70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57310-1

SDG: 2693

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-57310-1 MS

Matrix: Solid

Analysis Batch: 108641

Client Sample ID: H-1 (0-0.5')

Prep Type: Total/NA

Prep Batch: 108657

Sample	Sample	Spike	MS	MS				%Rec
Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
<0.00200	U	0.100	0.09417		mg/Kg		94	70 - 130
<0.00399	U	0.200	0.1906		mg/Kg		95	70 - 130
< 0.00200	U	0.100	0.09745		mg/Kg		97	70 - 130
	Result <0.00200 <0.00399	Result Qualifier U	Result Qualifier Added <0.00200	Result Qualifier Added Result <0.00200	Result Qualifier Added Result Qualifier <0.00200	Result Qualifier Added Result Qualifier Unit <0.00200	Result Qualifier Added Result Qualifier Unit D <0.00200	Result Qualifier Added Result Qualifier Unit D %Rec <0.00200

MS MS

Surrogate	%Recovery Qua	alifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Client Sample ID: H-1 (0-0.5')

Prep Type: Total/NA

Prep Batch: 108657

Matrix: Solid

Lab Sample ID: 880-57310-1 MSD

Analysis Batch: 108641

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier RPD Limit Analyte babbA Result Qualifier %Rec Limits Unit Benzene <0.00200 U 0.100 0.09892 mg/Kg 99 70 - 130 35 Toluene <0.00200 U 0.100 0.08720 mg/Kg 87 70 - 130 35 Ethylbenzene <0.00200 U 0.100 0.09346 93 70 - 130 35 mg/Kg 0.200 70 - 130 35 m-Xylene & p-Xylene <0.00399 U 0.1907 mg/Kg 95 0 <0.00200 U 0.100 0.09780 98 70 - 130 o-Xylene mg/Kg

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-108603/1-A

Matrix: Solid

Analysis Batch: 108764

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108603

MB MB Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Analyte 50.0 04/24/25 16:43 <50.0 U 04/26/25 23:15 Gasoline Range Organics mg/Kg (GRO)-C6-C10 04/26/25 23:15 Diesel Range Organics (Over <50.0 U 50.0 04/24/25 16:43 mg/Kg C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 04/24/25 16:43 04/26/25 23:15 mg/Kg

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	230	S1+	70 - 130	04/24/25 16:43	04/26/25 23:15	1
o-Terphenyl (Surr)	233	S1+	70 - 130	04/24/25 16:43	04/26/25 23:15	1

Lab Sample ID: LCS 880-108603/2-A

Matrix: Solid

Analysis Batch: 108764

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 108603

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	992.1		mg/Kg		99	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1118		mg/Kg		112	70 - 130	
C10 C28)								

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57310-1

SDG: 2693

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-108603/2-A

Matrix: Solid

Analysis Batch: 108764

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108603

	LCS		
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	131	S1+	70 - 130
o-Terphenvl (Surr)	122		70 - 130

Lab Sample ID: LCSD 880-108603/3-A

Matrix: Solid

Analysis Batch: 108764

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108603

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	817.3		mg/Kg		82	70 - 130	19	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	902.7	*1	mg/Kg		90	70 - 130	21	20
C10-C28)									

LCSD LCSD

,	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	96		70 - 130

Lab Sample ID: 880-57310-1 MS

Matrix: Solid

Analysis Batch: 108764

Client Sample ID: H-1 (0-0.5')

Prep Type: Total/NA

Prep Batch: 108603

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	1054		mg/Kg		105	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.1	U *1 F1	1010	1351	F1	mg/Kg		134	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits		
1-Chlorooctane (Surr)	199	S1+	70 - 130		
o-Terphenyl (Surr)	211	S1+	70 - 130		

Lab Sample ID: 880-57310-1 MSD

Matrix: Solid

Analysis Batch: 108764

Client Sample ID: H-1 (0-0.5') Prep Type: Total/NA

Prep Batch: 108603

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	1088		mg/Kg		108	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.1	U *1 F1	1010	1299		mg/Kg		129	70 - 130	4	20

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	226	S1+	70 - 130
o-Terphenyl (Surr)	209	S1+	70 - 130

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57310-1

Prep Type: Soluble

Client Sample ID: H-1 (0-0.5')

Client Sample ID: H-1 (0-0.5')

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

SDG: 2693

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-108659/1-A

Matrix: Solid

Analysis Batch: 108668

MB MB

 Analyte
 Result Chloride
 Qualifier
 RL Unit
 MDL mg/Kg
 Unit
 D mg/Kg
 Prepared D4/25/25 14:49
 Analyzed Dil Fac D4/25/25 14:49

Lab Sample ID: LCS 880-108659/2-A

Matrix: Solid

Analysis Batch: 108668

Spike LCS LCS %Rec Added %Rec Analyte Result Qualifier Unit D Limits Chloride 250 243.6 mg/Kg 97 90 - 110

Lab Sample ID: LCSD 880-108659/3-A

Matrix: Solid

Analysis Batch: 108668

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Chloride 250 244.5 mg/Kg 90 - 110

Lab Sample ID: 880-57310-1 MS

Matrix: Solid

Analysis Batch: 108668

MS MS Sample Sample Spike %Rec Analyte Result Qualifier Added Qualifier Unit %Rec Result Limits Chloride 95.1 250 364.7 108 90 - 110 mg/Kg

Lab Sample ID: 880-57310-1 MSD

Matrix: Solid

Analysis Batch: 108668

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 95.1 365.7 mg/Kg 108 90 - 110 0 20

Eurofins Midland

2

3

4

6

0

9

11

13

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57310-1 SDG: 2693

GC VOA

Analysis Batch: 108641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57310-1	H-1 (0-0.5')	Total/NA	Solid	8021B	108657
880-57310-2	H-2 (0-0.5')	Total/NA	Solid	8021B	108657
880-57310-3	H-3 (0-0.5')	Total/NA	Solid	8021B	108657
880-57310-4	H-4 (0-0.5')	Total/NA	Solid	8021B	108657
MB 880-108657/5-A	Method Blank	Total/NA	Solid	8021B	108657
LCS 880-108657/1-A	Lab Control Sample	Total/NA	Solid	8021B	108657
LCSD 880-108657/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108657
880-57310-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	108657
880-57310-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	108657

Prep Batch: 108657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57310-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-57310-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-57310-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-57310-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-108657/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108657/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108657/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57310-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-57310-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 108752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batch
880-57310-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX
880-57310-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX
880-57310-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX
880-57310-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX

GC Semi VOA

Prep Batch: 108603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57310-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57310-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57310-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57310-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-108603/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108603/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108603/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57310-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57310-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 108764

Released to Imaging: 8/1/2025 9:44:01 AM

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57310-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	108603
880-57310-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	108603
880-57310-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	108603
880-57310-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	108603
MB 880-108603/1-A	Method Blank	Total/NA	Solid	8015B NM	108603
LCS 880-108603/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108603

Eurofins Midland

-

3

4

6

8

11

13

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57310-1

SDG: 2693

GC Semi VOA (Continued)

Analysis Batch: 108764 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-108603/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108603
880-57310-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015B NM	108603
880-57310-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015B NM	108603

Analysis Batch: 108853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57310-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-57310-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-57310-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-57310-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 108659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57310-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-57310-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-57310-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-57310-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-108659/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108659/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108659/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57310-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-57310-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 108668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57310-1	H-1 (0-0.5')	Soluble	Solid	300.0	108659
880-57310-2	H-2 (0-0.5')	Soluble	Solid	300.0	108659
880-57310-3	H-3 (0-0.5')	Soluble	Solid	300.0	108659
880-57310-4	H-4 (0-0.5')	Soluble	Solid	300.0	108659
MB 880-108659/1-A	Method Blank	Soluble	Solid	300.0	108659
LCS 880-108659/2-A	Lab Control Sample	Soluble	Solid	300.0	108659
LCSD 880-108659/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108659
880-57310-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	108659
880-57310-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	108659

Eurofins Midland

2

3

4

6

8

9

1 1

13

Lab Chronicle

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57310-1 SDG: 2693

Lab Sample ID: 880-57310-1

Matrix: Solid

Client Sample ID: H-1 (0-0.5')

Date Collected: 04/24/25 00:00 Date Received: 04/24/25 14:36

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	108657	04/25/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 11:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108752	04/25/25 11:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			108853	04/27/25 00:08	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108603	04/24/25 16:44	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/27/25 00:08	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108659	04/25/25 09:25	SMC	EET MID
Soluble	Analysis	300.0		1			108668	04/25/25 15:06	CH	EET MID

Client Sample ID: H-2 (0-0.5')

Date Collected: 04/24/25 00:00

Date Received: 04/24/25 14:36

Lab Sample ID: 880-57310-2

Matrix: Solid

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 Total/NA 4.95 g 5 mL 108657 04/25/25 09:09 AA EET MID Total/NA 8021B 5 mL 108641 04/25/25 12:11 **EET MID** Analysis 1 5 mL MNR Total/NA Total BTEX 108752 04/25/25 12:11 SM Analysis **EET MID** 1 Total/NA Analysis 8015 NM 108853 04/27/25 00:57 SM **EET MID** Total/NA 108603 FC Prep 8015NM Prep 10.01 g 10 mL 04/24/25 16:44 EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 108764 04/27/25 00:57 TKC **EET MID** Soluble 5.04 g 04/25/25 09:25 SMC Leach DI Leach 50 mL 108659 **EET MID** Soluble Analysis 300.0 108668 04/25/25 15:23 СН **EET MID**

Client Sample ID: H-3 (0-0.5')

Date Collected: 04/24/25 00:00

Date Received: 04/24/25 14:36

Lab Sample ID: 880-57310-3

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	108657	04/25/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 12:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108752	04/25/25 12:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			108853	04/27/25 01:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	108603	04/24/25 16:44	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/27/25 01:12	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108659	04/25/25 09:25	SMC	EET MID
Soluble	Analysis	300.0		1			108668	04/25/25 15:28	CH	EET MID

Client Sample ID: H-4 (0-0.5')

Date Collected: 04/24/25 00:00

Date Received: 04/24/25 14:36

Lab Sample ID): 880-57310-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	108657	04/25/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108641	04/25/25 12:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108752	04/25/25 12:52	SM	EET MID

Lab Chronicle

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57310-1

SDG: 2693

Client Sample ID: H-4 (0-0.5')

Date Collected: 04/24/25 00:00 Date Received: 04/24/25 14:36 Lab Sample ID: 880-57310-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			108853	04/27/25 01:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	108603	04/24/25 16:44	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/27/25 01:29	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108659	04/25/25 09:25	SMC	EET MID
Soluble	Analysis	300.0		1			108668	04/25/25 15:34	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources Job ID: 880-57310-1 Project/Site: Sandra Jean West (02.26.2025)

SDG: 2693

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Progra	am	Identification Number	Expiration Date	
Texas	NELA	Р	T104704400	06-30-25	
,	are included in this report, but bes not offer certification.	it the laboratory is not certif	fied by the governing authority. This lis	t may include analytes	
Analysis Method	Prep Method	Matrix	Analyte	Analyte	
8015 NM		Solid	Total TPH		
Total BTEX		Solid	Total BTEX		

Method Summary

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57310-1

SDG: 2693

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

2

5

7

10

11

13

Sample Summary

Client: Carmona Resources

Project/Site: Sandra Jean West (02.26.2025)

Job ID: 880-57310-1

SDG: 2693

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57310-1	H-1 (0-0.5')	Solid	04/24/25 00:00	04/24/25 14:36
880-57310-2	H-2 (0-0.5')	Solid	04/24/25 00:00	04/24/25 14:36
880-57310-3	H-3 (0-0.5')	Solid	04/24/25 00:00	04/24/25 14:36
880-57310-4	H-4 (0-0.5')	Solid	04/24/25 00:00	04/24/25 14:36

3

4

S

9

10

12

13

Chain of Custody

Worl



4/28/2025

22

ō

Page 21

Work Order Comments Bill to: (if different) Laci Luig Project Manager: Ashton Thielke Program: UST/PST PRP Prownfields RC perfund Company Name: Carmona Resources Company Name: Cimarex Energy State of Project: 310 W Wall St Ste 500 Address: 600 N Marienfield St, Suite 600 Address: Reporting:Level II Level III ST/UST RRP Level IV City, State ZIP: Midland, TX 79701 City, State ZIP: Midland, TX 79701 Deliverables: EDD ADaPT Other: Email: laci.luig@coterra.com & ashton.thielke@coterra.com Phone: 432-813-8988 Sandra Jean West (02.26.2025) **ANALYSIS REQUEST Preservative Codes** Project Name: **Turn Around** Pres. ✓ Rush Routine None: NO DI Water: H₂O Project Number: 2693 Code Due Date: 48 hr. Cool: Cool MeOH: Me Lea County, New Mexico Project Location 15M (GRO + DRO + MRO) GPJ HCL: HC HNO3: HN Sampler's Name: PO #: H₂S0₄: H₂ NaOH: Na Yes No Chloride 300.0 H₃PO₄: HP Yes SAMPLE RECEIPT Wet Ice: Temp Blank: **BTEX 8021B** Yes NaHSO₄: NABIS Received Intact: No Thermometer ID: Na₂S₂O₃: NaSO₃ Cooler Custody Seals: Yes No Correction Factor: Zn Acetate+NaOH: Zn Sample Custody Seals: Yes No Temperature Reading:

tal Containers:		Corrected Temper	erature:	1 5		11-11-3		8									NaOH+Ascorbic Acid: SAPO
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TP									Sample Comments
H-1 (0-0.5')	4/24/2025		Х		G	1	Х	Х	Х								
H-2 (0-0.5')	4/24/2025		Х		G	1	Х	Х	Х								
H-3 (0-0.5')	4/24/2025		Х		G	1	Х	Х	Х								
H-4 (0-0.5')	4/24/2025		Х		G	1	Х	Х	Х			_	-	-	-	-	
													+			+	

Comments:

Received by OCD: 6/20/2025 9:22:21 AM

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
13. M.			44405 1430
			1 / /
		\	

Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-57310-1

SDG Number: 2693

Login Number: 57310 List Source: Eurofins Midland

List Number: 1 Creator: Lee, Randell

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

3

4

5

7

9

11

14

1/

<6mm (1/4").



June 02, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: SANDRA JEAN WEST (02.26.2025)

Enclosed are the results of analyses for samples received by the laboratory on 05/29/25 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported: 06/02/2025

O25 Sampling Date: 05/29/2025 O25 Sampling Type: Soil

Project Name: SANDRA JEAN WEST (02.26.2025)
Project Number: 2693

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 1 (1.5') (H253231-01)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	432	108	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	181	90.4	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/30/2025	ND	199	99.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	109	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Sampling Date: 05/29/2025 Soil

Reported: Project Name: 06/02/2025

Sampling Type:

Project Number:

SANDRA JEAN WEST (02.26.2025) 2693

Sampling Condition: Cool & Intact Tamara Oldaker Sample Received By:

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 2 (1.5') (H253231-02)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	432	108	400	7.14	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	181	90.4	200	2.92	
DRO >C10-C28*	32.1	10.0	05/30/2025	ND	199	99.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	108	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	110	% 40.6-15	3						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701

Fax To:

Received: 05/29/2025 Reported: 06/02/2025 Sampling Date: 05/29/2025 Sampling Type: Soil

Project Name:

SANDRA JEAN WEST (02.26.2025)

Sampling Condition: Cool & Intact

Project Number: 2693 Sample Received By:

Tamara Oldaker

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 3 (1.5') (H253231-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	432	108	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	181	90.4	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/30/2025	ND	199	99.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	111 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	110 9	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported:

Sampling Date: 05/29/2025 06/02/2025 Sampling Type: Soil

Project Name: Project Number:

SANDRA JEAN WEST (02.26.2025) Sampling Condition: Cool & Intact Sample Received By: 2693 Tamara Oldaker

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 4 (1.5') (H253231-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	432	108	400	7.14	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	181	90.4	200	2.92	
DRO >C10-C28*	14.0	10.0	05/30/2025	ND	199	99.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	117 %	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	120 %	6 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported:

06/02/2025 SANDRA JEAN WEST (02.26.2025) Sampling Condition:

Project Name: Project Number: 2693

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO Sampling Date: 05/29/2025

Sampling Type: Soil

Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: CS - 5 (1.5') (H253231-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	432	108	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	181	90.4	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/30/2025	ND	199	99.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	109 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	113 9	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported:

06/02/2025 SANDRA JEAN WEST (02.26.2025)

Project Number: 2693

Project Name:

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO Sampling Date: 05/29/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: CS - 6 (1.5') (H253231-06)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	432	108	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	181	90.4	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/30/2025	ND	199	99.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	110 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	112 9	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported: 06/02/2025

 05/29/2025
 Sampling Date:
 05/29/2025

 06/02/2025
 Sampling Type:
 Soil

Project Name: SANI Project Number: 2693

SANDRA JEAN WEST (02.26.2025) Sampling Condition: Cool & Intact
2693 Sample Received By: Tamara Oldaker

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 7 (1.5') (H253231-07)

RTFY 8021R

Analyzed I 5/30/2025 5/30/2025	Method Blank	BS 1.87	% Recovery	True Value QC	RPD	Qualifier
	ND	1.87				
5/30/2025		,	93.6	2.00	0.389	
	ND	1.98	98.8	2.00	0.365	
5/30/2025	ND	1.97	98.3	2.00	0.209	
5/30/2025	ND	5.79	96.6	6.00	0.159	
5/30/2025	ND					
Analyzed By: AC						
Analyzed I	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
5/30/2025	ND	432	108	400	7.14	
Analyzed B	By: MS					
Analyzed I	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
5/30/2025	ND	181	90.4	200	2.92	
5/30/2025	ND	199	99.7	200	1.63	
5/30/2025	ND					
5,	Analyzed 5/30/2025 5/30/2025	/30/2025 ND /30/2025 ND	Analyzed Method Blank BS 1/30/2025 ND 181 1/30/2025 ND 199	Analyzed Method Blank BS % Recovery 7/30/2025 ND 181 90.4 99.7	Analyzed Method Blank BS % Recovery True Value QC 7/30/2025 ND 181 90.4 200 7/30/2025 ND 199 99.7 200	Analyzed Method Blank BS % Recovery True Value QC RPD 7/30/2025 ND 181 90.4 200 2.92 7/30/2025 ND 199 99.7 200 1.63

Applyzod By: 14

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client; is subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported:

06/02/2025 SANDRA JEAN WEST (02.26.2025)

Project Name: Project Number: 2693

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO Sampling Date: 05/29/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: CS - 8 (1.5') (H253231-08)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	432	108	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	181	90.4	200	2.92	
DRO >C10-C28*	12.1	10.0	05/30/2025	ND	199	99.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	112 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	115 9	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported: 06/02/2025

06/02/2025 Sampling T SANDRA JEAN WEST (02.26.2025) Sampling C

Project Name: SAND Project Number: 2693

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sampling Date: 05/29/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 9 (1.5') (H253231-09)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	432	108	400	7.14	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	181	90.4	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/30/2025	ND	199	99.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	116	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	119	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Frence



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported: 06/02/2025

06/02/2025 SANDRA JEAN WEST (02.26.2025)

Project Name: SANE Project Number: 2693

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sampling Date: 05/29/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 10 (1.5') (H253231-10)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	< 0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	432	108	400	7.14	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	181	90.4	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/30/2025	ND	199	99.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	115	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	117	% 40.6-15	3						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Cool & Intact

Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported: 06/02/2025

 05/29/2025
 Sampling Date:
 05/29/2025

 06/02/2025
 Sampling Type:
 Soil

Sampling Condition:

Project Name: SANDRA JEAN WEST (02.26.2025)

Project Number: 2693 Sample Received By: Tamara Oldaker

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: CS - 11 (1.5') (H253231-11)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	432	108	400	7.14	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	181	90.4	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/30/2025	ND	199	99.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	105	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client; subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported: 06/02/2025

06/02/2025 S SANDRA JEAN WEST (02.26.2025) S

Project Name: SANE Project Number: 2693

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sampling Date: 05/29/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 12 (1.5') (H253231-12)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	432	108	400	7.14	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	181	90.4	200	2.92	
DRO >C10-C28*	<10.0	10.0	05/30/2025	ND	199	99.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	112	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	112	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported: 06/02/2025

SANDRA JEAN WEST (02.26.2025)

Project Number: 2693

Project Name:

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sampling Date: 05/29/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 13 (1.5') (H253231-13)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	432	108	400	7.14	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	181	90.4	200	2.92	
DRO >C10-C28*	12.7	10.0	05/30/2025	ND	199	99.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	113 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	115 9	40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

1 47

05/29/2025

Reported: 06/02/2025

Project Name: SANDRA JEAN WEST (02.26.2025)

Project Number: 2693

Received:

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sampling Date: 05/29/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 14 (1.5') (H253231-14)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	204	102	200	9.58	
DRO >C10-C28*	11.6	10.0	05/30/2025	ND	174	86.8	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	119	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	131	% 40.6-15	3						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client; subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701

Fax To:

Received: 05/29/2025 Reported:

06/02/2025 Sampling Type: Soil SANDRA JEAN WEST (02.26.2025)

Sampling Date:

Project Name: Project Number: 2693

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

05/29/2025

Sample ID: SW - 1 (1.5') (H253231-15)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/30/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	204	102	200	9.58	
DRO >C10-C28*	<10.0	10.0	05/30/2025	ND	174	86.8	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	113 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	121 9	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported:

06/02/2025 Sampling Type: SANDRA JEAN WEST (02.26.2025)

Applyzod By: 14

Project Name: Project Number: 2693

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Soil Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Tamara Oldaker

05/29/2025

Sample ID: SW - 2 (1.5') (H253231-16)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	204	102	200	9.58	
DRO >C10-C28*	<10.0	10.0	05/30/2025	ND	174	86.8	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	114	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	123	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported:

Sampling Date: 06/02/2025 Sampling Type: SANDRA JEAN WEST (02.26.2025)

Project Name: Project Number: 2693

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Soil Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

05/29/2025

Sample ID: SW - 3 (1.5') (H253231-17)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/30/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	204	102	200	9.58	
DRO >C10-C28*	<10.0	10.0	05/30/2025	ND	174	86.8	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	114 %	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	123 9	40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported: 06/02/2025 Sampling Date: 05/29/2025
Sampling Type: Soil

Project Name: SANDRA JEAN WEST (02.26.2025)
Project Number: 2693

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: SW - 4 (1.5') (H253231-18)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	204	102	200	9.58	
DRO >C10-C28*	<10.0	10.0	05/30/2025	ND	174	86.8	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	118	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	126	% 40.6-15	3						

Applyzod By: 14

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported: 06/02/2025

 05/29/2025
 Sampling Date:
 05/29/2025

 06/02/2025
 Sampling Type:
 Soil

 SANDRA JEAN WEST (02.26.2025)
 Sampling Condition:
 Cool & Intact

Project Name: SANDR.
Project Number: 2693

Project Number: 2693 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: SW - 5 (1.5') (H253231-19)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/30/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	204	102	200	9.58	
DRO >C10-C28*	<10.0	10.0	05/30/2025	ND	174	86.8	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	117	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	124	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported: 06/02/2025

 05/29/2025
 Sampling Date:
 05/29/2025

 06/02/2025
 Sampling Type:
 Soil

 SANDRA JEAN WEST (02.26.2025)
 Sampling Condition:
 Cool & Intact

Project Name: SANDRA JEAN WEST (02.26.2025)
Project Number: 2693

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (1.5') (H253231-20)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.87	93.6	2.00	0.389	
Toluene*	<0.050	0.050	05/30/2025	ND	1.98	98.8	2.00	0.365	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	0.209	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.79	96.6	6.00	0.159	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	204	102	200	9.58	
DRO >C10-C28*	<10.0	10.0	05/30/2025	ND	174	86.8	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					

Analyzed By: JH

Surrogate: 1-Chlorooctane 113 % 44.4-145 Surrogate: 1-Chlorooctadecane 122 % 40.6-153

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/29/2025 Reported: 06/02/2025

SANDRA JEAN WEST (02.26.2025)

Project Name: SANE Project Number: 2693

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sampling Date: 05/29/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (1.5') (H253231-21)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.79	89.7	2.00	6.54	
Toluene*	<0.050	0.050	05/30/2025	ND	1.97	98.5	2.00	6.63	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.85	92.4	2.00	7.29	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.56	92.6	6.00	7.02	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/30/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	204	102	200	9.58	
DRO >C10-C28*	<10.0	10.0	05/30/2025	ND	174	86.8	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	117	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	125	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



05/29/2025

Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701

Fax To:

Received: 05/29/2025 Reported:

06/02/2025 Sampling Type: Soil

Sampling Date:

Project Name:

SANDRA JEAN WEST (02.26.2025) Sampling Condition: Cool & Intact Project Number: Sample Received By: 2693 Tamara Oldaker

Analyzed By: JH

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sample ID: SW - 8 (1.5') (H253231-22)

BTEX 8021B

DIEX GOZID	1119/	rkg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.79	89.7	2.00	6.54	
Toluene*	<0.050	0.050	05/30/2025	ND	1.97	98.5	2.00	6.63	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	1.85	92.4	2.00	7.29	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	5.56	92.6	6.00	7.02	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/30/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/30/2025	ND	204	102	200	9.58	
DRO >C10-C28*	<10.0	10.0	05/30/2025	ND	174	86.8	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	05/30/2025	ND					
Surrogate: 1-Chlorooctane	119 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	127 9	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

Chain of Custody

roject Manager: company Name:	A TI													¬ -			and the same			Page _	1 of3_
ompany Name:	Ashton Thielk	e			Bill to: (if d	lifferent)	Laci	Luig						4 1						Comments	
	Carmona Res	sources			Company	Name:	Cim	arex En	ergy									PRP	row	vnfields R	RCiperfund
ddress:	310 W Wall S	St Ste 500			Address:		600	N Marie	nfield S	t, Suite	600			⊣ ।		f Proje		Level III	Пе	T/UST RF	RP Level IV
ity, State ZIP:	Midland, TX 7	79701			City, State			and, TX						⊣ ।				_			ther:
hone:	432-813-8988	3		Email	: laci.luig@	ocoterra.con	& asht	on.thiel	ke@cc	oterra.c	<u>om</u>				elivera	ables:	EDD		ADar	7 0	iner.
roject Name:	Sandra	Jean West (02	.26.2025)	Turn	Around						,	ANALY	SIS F	REQU	EST					Prese	ervative Codes
roject Number:		2693		Routine	Rush	Pre										_	-		\bot	None: NO	DI Water: H
roject Location	Lea	County, New M	Mexico ·	Due Date:	48	hr.		_				• •								Cool: Cool	MeOH: Me
ampler's Name:		JDC						MRO)												HCL: HC	HNO ₃ : HN
O #:						2		ģ												H ₂ SO ₄ : H ₂	NaOH: Na
AMPLE RECE		emp Blank:	Yes No	Wet Ice:	Yes #14	10	BTEX 8(21B	DRO	4500											H ₃ PO ₄ : HP	tais
eceived intact:		NO N/A	Correction Factor			136	X 80	GRO	Chloride										호	Na ₂ S ₂ O ₃ : N	
ooler Custody Sea ample Custody Sea	CONTROL OF THE PARTY OF THE PAR	No N/A	Temperature Re		5.		B E	NS.	Chic											Zn Acetate	
otal Containers:	103	110	Corrected Temp	A CONTRACTOR OF COMPANY		0:		TPH 8015M (GRO												NaOH+Asc	orbic Acid: SAPC
Sample Ide	entification	Date	Time	Soil	Water	Grab/ #	TO 100	₹												Samp	ole Comments
CS-1	(1.5')	5/29/2025		Х		C 1	Х	Х	Х												
CS-2		5/29/2025		Х		C 1	X	X	Х												
CS-3	(1.5')	5/29/2025		X		C	_	_	Х												
CS-4	(1.5')	5/29/2025		Х		C 1	_		Х						\rightarrow	\perp	_		\perp		
00 1	(1.5")	5/29/2025		Х		C ·	_	_	Х			\vdash			_	\rightarrow	+	+		1	
CS-5	(1.5)			X		C	_	_	X			\vdash	_		\rightarrow	+	+	_	+	-	
		5/29/2025		_				X	X					_	_						
CS-5 CS-6 CS-7	(1.5') (1.5')	5/29/2025		Х		C	_	_	V									-	+	1	
CS-5 CS-6 CS-7 CS-8	(1.5') (1.5') (1.5')	5/29/2025 5/29/2025		Х		C	X	Х	X		\vdash	\vdash	-	-	_		\perp	\perp			
CS-5 CS-6 CS-7	(1.5') (1.5') (1.5') (1.5')	5/29/2025					ı x	X	XXX						+		+				

Page 26 of 27

Chain of Custody

Work Order No: 11253231

Project Manager:	Ashton Thielk	e			Bill to: (if	f different)		Laci	Luig									Wo	rk O	rder C	comments	
Company Name:	Carmona Res	sources				ny Name:			arex Er	nergy				\dashv	Progra	m· IIS	T/PS1				fields RC	perfund
Address:	310 W Wall S	t Ste 500			Address						St, Suite 600			\neg	State o			. LF	ur L	Jrown	neids _tkc	iperfund
City, State ZIP:	Midland, TX 7	9701			City, Sta	ite ZIP:			and, TX					\dashv	Reporting:Level II Level III ST/UST						UST RRP	Level IV
Phone:	432-813-8988	3		Email	l: laci.luig	@coterr	a.com &	_			oterra.com			\dashv	Deliver					ADaPT	_	_
Project Name:	Sandra	Jean West (02	2.26.2025)	Turr	n Around							ΔΝΔ	LYSIS	PEO	IEST							
Project Number:		2693		Routine	/ Rus		Pres. Code		T	Т	TTT		1	I C		Т	T		Т			ative Codes
Project Location	Lea	County, New N	Mexico	Due Date:	48	hr.	Coue					+	+	\vdash	\vdash	\dashv	\rightarrow	\rightarrow	\dashv	\vdash	None: NO	DI Water: I
Sampler's Name:		JDC							l ô												Cool: Cool	MeOH: Me
PO #:				1			90		+ DRO + MRO)												HCL: HC H ₂ S0 ₄ : H ₂	HNO ₃ : HN NaOH: Na
SAMPLE RECEI	IPT Te	mp Blank:	Yes No	Wet Ice:	Yes	No	meters		8	8												NaOn: Na
Receiveu maci.		es No	I hermometer iD		#1	40		BTEX 8(21B	1 5	Chloride 4500		ļ	1			Į.	. [H ₃ PO ₄ : HP	·
Cooler Custody Seals	s: Yes	No N/A	Correction Facto	r:	10	136	Par	EX	GR	orid			1								NaHSO₄: NABI Na₂S₂O₃: NaS(
Sample Custody Sea	ls: Yes	No N/A	Temperature Re	ading:	5-			=	5M (동									- 1		Zn Acetate+Na	
Total Containers:		,	Corrected Tempe	erature:	6	50-			TPH 8015M (GRO				1								NaOH+Ascorbi	
Sample Iden	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		Ŧ													Comments
CS-11 ((1.5')	5/29/2025		Х		С	1	Х	X	Х		+-	\vdash		\vdash	+	+	\rightarrow	\dashv		Park park	
CS-12 ((1.5')	5/29/2025		Х		С	1	X	X	X		+	_		\vdash	-	+	\dashv	\dashv	\rightarrow		
CS-13 ((1.5')	5/29/2025		Х		С	1	X	X	X		+	-		\vdash	+	+	+	\dashv	\rightarrow		
CS-14 ((1.5')	5/29/2025		Х		С	1	X	X	X		+	+		\vdash	+	+	+	\rightarrow	\rightarrow		
SW-1 (1	1.5')	5/29/2025		- X		С	1	Х	X	X		+	-				+	+	\dashv	\rightarrow		
SW-2 (1	1.5')	5/29/2025		Х		С	1	Х	X	X		+			-	+	+	+	+	\rightarrow		
SW-3 (1	1.5')	5/29/2025		Х		С	1	Х	X	X		+			-	+	+		-	\rightarrow		
SW-4 (1	1.5')	5/29/2025		Х		С	1	Х	Х	X		-				-	-	+	-	-		
SW-5 (1	1.5')	5/29/2025		Х		С	1	Х	Х	Х		\vdash			_	+	+	+	+	\rightarrow		
SW-6 (1	1.5')	5/29/2025		Х		С	1	Х	X	X					_	+	+	+	+	+		
Comments:			-									•										
	ı	Relinquished by	y: (Signature)					Date/T				1	,	Recei	ved by:	(Sigha	ature)	/	/			Date/Time
	4/-	-Da					5.20	3-2	51	601		M	Ulle	44	Il	la	as	3	K			
										_	5	_										

Released to Imaging: 8/1/2025 9:44:01 AM

																					raye		_		
					Bill to: (if di	fferent)		Laci L	uia									Wo	ork Or	der C	omments				
Project Manager:	Ashton Thielke				Company			Cimar		erav					Prog	ram: U	ST/PS	т []РІ	RP [rown	fields RC	perfund	9		
Company Name:	Carmona Reso					ivallie.					Suite 6	500		\neg	State of Project:										
Address:	310 W Wall St	Ste 500			Address:			600 N Marienfield St, Suite 600 Midland, TX 79701								Reporting:Level II Level III ST/UST RRP Level IV									
City, State ZIP:	Midland, TX 79	701		Section 1	City, State						larra -	- m		\dashv		erables				ADaP1	Othe	r:			
Phone:	432-813-8988			Email	laci.luig@	ocoterra	.com &	ashtor	n.thiell	ke(a)co	епа.со	0.000						0.0 (8) (8)			Drogoni	ative Codes			
Project Name:	Sandra	Jean West (02	.26.2025)	Turr	Around		Pres.		 1			AN	IALYSIS	REQ	UEST				-		None: NO	DI Water: H ₂	5		
Project Number:		2693		Routine	Rush		Code			-	_	-	+	+	+-	-	_		\vdash	-	Cool: Cool	MeOH: Me			
Project Location	Lea	County, New N	Mexico	Due Date:	48	hr			ا ۾ ا												HCL: HC	HNO ₃ : HN			
Sampler's Name:		JDC							MRO)												H ₂ S0 ₄ : H ₂	NaOH: Na			
PO #:						0	ters		ò												H ₃ PO ₄ : HP				
SAMPLE RECE		mp Blank:	Yes No	Wet Ice:		No	Parameters	BTEX 8C21B	, DRO	Chloride 4500		. !	-			140				 =	NaHSO ₄ : NAE	ils -			
Received Intact:		es No	Thermometer IL	MINISTER STATE OF THE PARTY OF		36	Par	×	1 8K	ride										Hold	Na ₂ S ₂ O ₃ : NaS				
Cooler Custody Sea		No (N/A)	Correction Factor		5-			18) ×	Cho							1				Zn Acetate+N				
Sample Custody Se	eals: Yes	No N/A	Temperature Re		10-0				015							1					NaOH+Ascort	oic Acid: SAPC			
Total Containers:			Corrected Temp	perature:	(Q-1	Grab/	# of	-	TPH 8015M (GRO							1					Sample	Comments			
Sample Ide	entification	Date	Time	Soil	Water	Comp	Cont		_						\perp	_	_	_	_	_	Jampi	Community			
SW-7	(1.5')	5/29/2025		Х		С	1	Х	X	Х				\perp	+	+	₩	├	-	-		*	_		
SW-8		5/29/2025		X		С	1	X	X	X		-	-	+	+	+-	+	\vdash	+	-					
							_	+	\vdash	-		\vdash	-	+	+	+	+	+	+						
							-	+-	\vdash		,	\vdash	-	+	+	+	+	+	\vdash	\vdash		-			
						_	-	+	+	-	-	\vdash	+	+	+	+	+	+	+	\vdash					
						-	-	+	+	-		\vdash	-	+	+	+	+	\top							
					-		-	+	+			\vdash		\top	\top			-							
			,	-	+	-	+	+	+	_		\vdash	-	\top	\top	\top	\top								
																	_		_				_		
Comments:																									
	*																								
													-												
		Delinguighed	by: (Signature)					Date	e/Time				1.			by: (S			1	,		Date/Time			
		Relinquished	by. (Signature)								-		111/4 1	11/4	15 18	1/1	10110		chol						



June 02, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: SANDRA JEAN WEST (02.26.2025)

Enclosed are the results of analyses for samples received by the laboratory on 05/30/25 13:52.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 05/30/2025 Reported: 06/02/2025

SANDRA JEAN WEST (02.26.2025)

Project Number: 2693

Project Name:

Project Location: CIMAREX-LEA COUNTY, NEW MEXICO

Sampling Date: 05/30/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: LEA LAND - BACKFILL (H253249-01)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2025	ND	1.97	98.3	2.00	4.28	
Toluene*	<0.050	0.050	05/30/2025	ND	2.09	105	2.00	2.68	
Ethylbenzene*	<0.050	0.050	05/30/2025	ND	2.07	104	2.00	1.64	
Total Xylenes*	<0.150	0.150	05/30/2025	ND	6.41	107	6.00	1.58	
Total BTEX	<0.300	0.300	05/30/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/02/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2025	ND	199	99.6	200	2.26	
DRO >C10-C28*	<10.0	10.0	06/02/2025	ND	196	97.9	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	06/02/2025	ND					
Surrogate: 1-Chlorooctane	65.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	65.7	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

Received by OCD: 6/20/2025 9:22:21 AM

Chain of Custody

Work Order No: <u>H3533449</u>

Project Manager:	Ashton	n Thielke				Bill to: (if	different)		Laci	Luia							Page1 of1 Work Order Comments									
Company Name:	Carmo	na Reso	urces				y Name:		排	arex Er	nerav					\dashv	Drogr	II	CT/DC							
Address:	310 W	Wall St	Ste 500			Address	ddress:				enfield S	St Suite	600				Program: UST/PST PRP rownfields RC perfund State of Project:									
City, State ZIP:	Midlan	d, TX 79	701		× -	City, Sta			100		79701	or, ounc	, 000			\dashv 1			•	Level	шГ	Тет	/UST RRP Level IV			
Phone:	432-81	3-8988		16	Email	laci.luig		a.com &				oterra.c	com			_	Delive						T Other:			
Project Name:	5	Sandra J	lean West (02	2.26.2025)		Around							D. Carrier	ANAL	YSIS	REOL	IEST						D			
Project Number:			2693		Routine	✓ Rus	h	Pres. Code					Π			1				т			Preservative Codes None: NO DI Water: HaC			
Project Location Sampler's Name:		Lea C	County, New N	Лехісо	Due Date:	24	hr.		•	+ MRO)		ä								1			None: NO DI Water: H ₂ C Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN			
PO #: SAMPLE RECEI	PT	Ten	np Blank:	Yes No	Wet Ice:	Yes	No	Parameters	m	RO + N	0	,											H ₂ S0 ₄ : H ₂ NaOH: Na			
Received Intact:		Ye	s No	Thermometer ID	D:	#19	40	E	30,21	1 + 0	e 45(- 5			!			ъ	H ₃ PO ₄ : HP			
Cooler Custody Seal		Yes	No (N/A)	Correction Factor	or:	+0	,36	Ра	Paramet BTEX 80,21B		Chloride 4500											Hold	NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Sea	ils:	Yes	No (N/A)	Temperature Re	eading:		35		<u>—</u>	8015M (GRO + DRO	5												Zn Acetate+NaOH: Zn			
Total Containers:			I management	Corrected Temp	perature:	4.	6°			1 801					.								NaOH+Ascorbic Acid: SAPC			
Sample Ider	ntificatio	n	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH													Sample Comments			
Lea Land -	Backfill	1	5/30/2025		X		С	1.	Х	Х	Х	127														
*	•																			-						
							-													1						
									-							_		_								
									-							-		-	_	_	_					
															_	-	-		-	_	4					
														-	-	-	-		_	_	+	_				
Comments:																										
zoninento.																										
		R	Relinquished b	y: (Signature)				PARTY OF THE PARTY	Date/					1	F	Receiv	ed by	(Sign	nature)//	,		Date/Time			
			6.0	De la companya della companya della companya de la companya della				5-36	0-25	13	52		5	Ille	10	ra	14	UN	ax	34	1		•			
																	(0)						

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 477331

QUESTIONS

ı	Operator:	OGRID:
ı	Avant Operating, LLC	330396
ı	6001 Deauville Blvd	Action Number:
ı	Midland, TX 79706	477331
ı		Action Type:
ı		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2505769942
Incident Name	NAPP2505769942 SANDRA JEAN WEST CTB @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2433665921] Sandra Jean West CTB

Location of Release Source								
Please answer all the questions in this group.								
Site Name	Sandra Jean West CTB							
Date Release Discovered	02/26/2025							
Surface Owner	Federal							

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Tank (Any) Crude Oil Released: 4 BBL Recovered: 4 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Tank (Any) Produced Water Released: 10 BBL Recovered: 9 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	The tank radars were registering inaccurate levels. This prevented the water transfer pumps from kicking on and transferring water from the tanks. As a result, the water tanks over-ran out of the thief hatch and into the lined containment. A total of 13 barrels was released into the lined containment and an estimated 1.5 barrels over-sprayed onto the facility pad due to the wind. Vac trucks recovered all fluids from the lined containment. Impacted soils will be remediated and a liner inspection will be scheduled in the coming weeks.

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 477331

QUESTI	ONS (continued)
Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID:
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com

Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 3

Action 477331

QUESTIONS (continued)

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	477331
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
1 11	1 122	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	220	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	6580	
GRO+DRO (EPA SW-846 Method 8015M)	6580	
BTEX (EPA SW-846 Method 8021B or 8260B)	12.8	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence 05/29/2025		
On what date will (or did) the final sampling or liner inspection occur	06/09/2025	
On what date will (or was) the remediation complete(d) 05/29/2025		
What is the estimated surface area (in square feet) that will be reclaimed	0	
What is the estimated volume (in cubic yards) that will be reclaimed	0	
What is the estimated surface area (in square feet) that will be remediated	1686	
What is the estimated volume (in cubic yards) that will be remediated 94		
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to		

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 477331

QUESTIONS (continued)

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	477331
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	

er Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Name: Ashton Thielke Title: EHS Specialist I hereby agree and sign off to the above statement Email: Ashton.Thielke@coterra.com Date: 06/20/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 5

Action 477331

QUESTIONS (continued)

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	477331
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 6

Action 477331

QUESTIONS (continued)

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	477331
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	465573
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/29/2025
What was the (estimated) number of samples that were to be gathered	22
What was the sampling surface area in square feet	3000

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	1686	
What was the total volume (cubic yards) remediated	94	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	0	
What was the total volume (in cubic yards) reclaimed	0	
Summarize any additional remediation activities not included by answers (above)	Site assessment completed and excavated areas that exceeded set in Table 1 of NMAC 19.15.29.12/13. Backfilled with clean backfill (lab confirmed). Will reclaim/reseed the entire pad during P/A activities	

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Name: Ashton Thielke
Title: EHS Specialist
Email: Ashton.Thielke@coterra.com
Date: 06/20/2025

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 7

Action 477331

QUESTIONS (continued)

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	477331
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 477331

CONDITIONS

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	477331
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	8/1/2025