

SITE INFORMATION

Closure Report
Clawhammer 33-28-21 Federal Com #412H
Eddy County, New Mexico
Incident ID: napp2333850967
Unit F Sec 33 T26S R30E
32.000941°, -103.889366°

Produced Water Release
Point of Release: Equipment Failure
Release Date: 11/21/2023

Volume Released: 7 Barrels of Produced Water Volume Recovered: 5 Barrels of Produced Water

CARMONA RESOURCES

Prepared for:
Devon Energy
5315 Buena Vista Drive
Carlsbad, New Mexico 88220

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



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June 4, 2024

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Re: Closure Report

Clawhammer 33-28-21 Federal Com #412H

Devon Energy

Incident #napp2333850967

Site Location: Unit F, S33, T26S, R30E (Lat 32.000941°, Long -103.889366°)

Eddy County, New Mexico

Mr. Bratcher:

On behalf of Devon Energy (Devon), Carmona Resources, LLC has prepared this letter to document site activities for the Clawhammer 33-28-21 Federal Com #412H. The site is located at 32.000941°, -103.889366° within Unit F, S33, T26S, and R30E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on November 21, 2023, due to equipment failure. It resulted in the release of seven (7) barrels of produced water, with five (5) barrels recovered. Refer to Figure 3. The release occurred on the pad. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium 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 identified well is located approximately 2.10 miles Northeast of the site in S22, T26S, R30E and was drilled in 1987. The well has a reported depth to groundwater of 117.03 feet below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

On February 14, 2024, Carmona Resources, LLC was onsite to drill a groundwater determination bore to 105' below ground surface and approximately 0.10 miles Southeast of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 105' below the surface. The coordinates for the groundwater determination bore are 32.000753°, -103.887772°. See Appendix D for the driller's log.

3.0 NMAC Regulatory Criteria

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

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO)
- Chloride: 20,000 mg/kg.

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4.0 Site Assessment Activities

On March 22, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. To assess the vertical and horizontal extent, five (5) sample points (S-1 through S-5) and six (6) horizontal samples (H-1 through H-6) were advanced to depths ranging from the surface to 6' bgs inside the release area. 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 Envirotech Inc. in Farmington, New Mexico. 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. See Table 1 for the analytical results.

Vertical Delineation

All sample locations were vertically delineated and below regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

Horizontal Delineation

All horizontal locations were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel were on site to oversee excavation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on May 9, 2024, and via NMOCD web portal on May 13, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of twenty-two (22) confirmation floor samples (CS-1 through CS-22) and thirteen (13) sidewall samples (SW-1 through SW-13) 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 directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Envirotech Inc. in Farmington, New Mexico. All collected samples were analyzed for TPH by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. Refer to Table 2. The excavation depths and confirmation sample locations are shown in Figure 4. Approximately 520 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. Devon Energy formally requests the closure of this spill. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

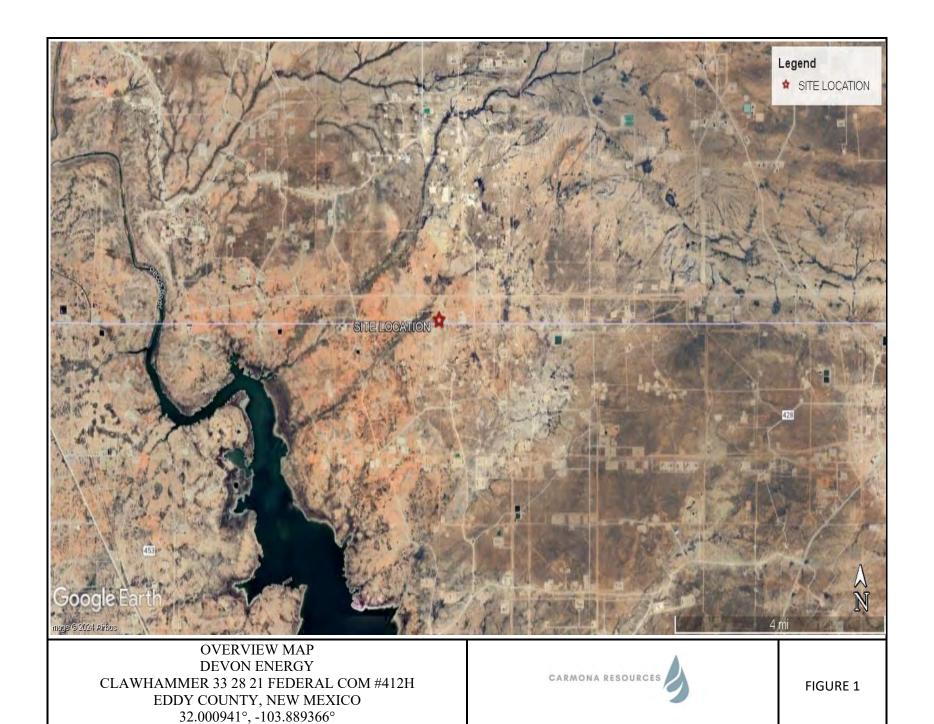
Ashton Thielke Sr. Project Manager Miranda Milwee Project Manager

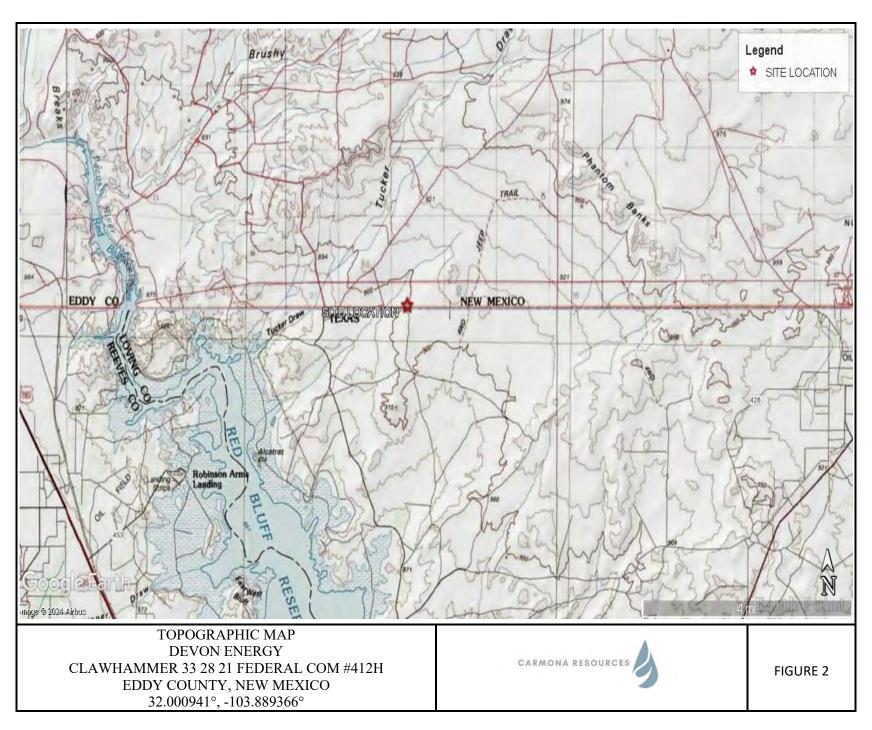
General Miles

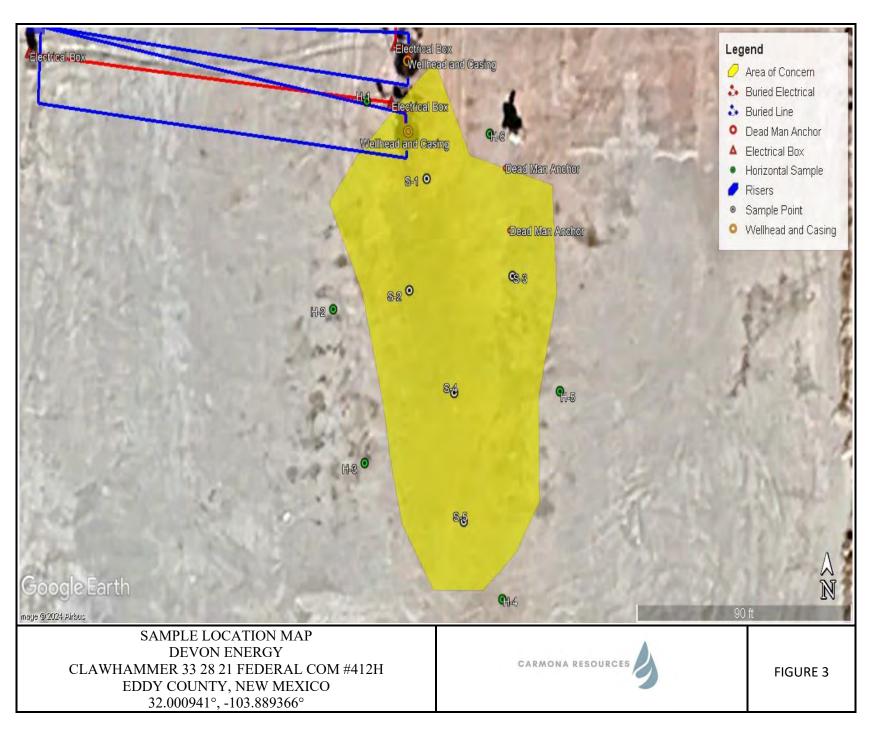
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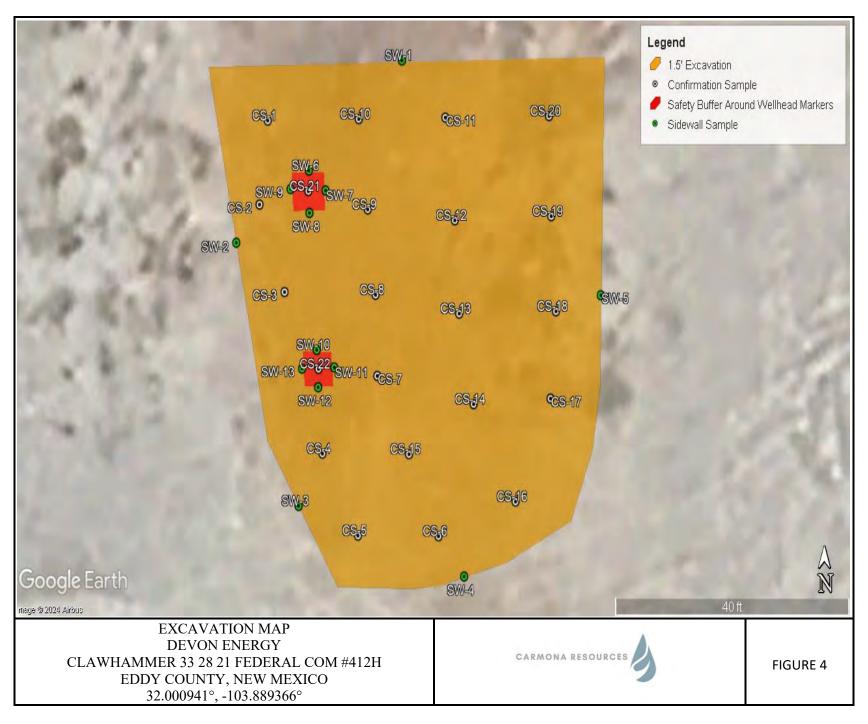
FIGURES

CARMONA RESOURCES









APPENDIX A

CARMONA RESOURCES

Table 1
Devon Energy
Clawhammer 33-28-21 Federal Com #412H
Eddy County, New Mexico

2	TPH (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride				
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
	3/22/2024	0-1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,600
S-1	"	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	4,940
3-1	"	2.0	ND	113	71.9	184.9	ND	ND	ND	ND	ND	13,200
	"	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/22/2024	0-1.0	ND	697	176	873	ND	ND	ND	ND	ND	12,800
	"	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	9,700
S-2	"	2.0	ND	27.4	ND	27.4	ND	ND	ND	ND	ND	3,520
	"	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	9,250
	"	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/22/2024	0-1.0	ND	56.7	56.2	112.9	ND	ND	ND	ND	ND	10,200
	"	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	9,390
	"	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	8,140
S-3	"	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	7,590
	"	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	4,450
	"	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,730
	"	6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/22/2024	0-1.0	ND	3,050	845	3,895	ND	ND	ND	0.161	0.161	14,700
	"	1.5	ND	100	ND	100	ND	ND	ND	ND	ND	7,810
S-4	"	2.0	ND	178	61.2	239.2	ND	ND	ND	ND	ND	8,050
	"	3.0	ND	792	611	1,403	ND	ND	ND	ND	ND	1,660
	"	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	95.8
	3/22/2024	0-1.0	ND	2,440	517	2,957	ND	ND	ND	ND	ND	6,660
6.5	"	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	744
S-5	"	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	562
	"	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Regulato	ory Criteria ^A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

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

(S) - Sample Point

Exceeds

Table 1
Devon Energy
Clawhammer 33-28-21 Federal Com #412H
Eddy County, New Mexico

0 1 15		D 41 (62)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
H-1	3/22/2024	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H-2	3/22/2024	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	96.2
H-3	3/22/2024	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H-4	3/22/2024	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H-5	3/22/2024	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H-6	3/22/2024	0-0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ry Criteria A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 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
Devon Energy
Clawhammer 33-28-21 Federal Com #412H
Eddy County, New Mexico

Sample ID	Date	Depth (ft)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
oumpio 12	Dato	Doptii (it)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-1	5/13/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	7,390
CS-2	5/13/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	7,000
CS-3	5/13/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,040
CS-4	5/13/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	4,350
CS-5	5/13/2024	1.5'	ND	70.9	58.2	129.1	ND	ND	ND	ND	ND	6,660
CS-6	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	594
CS-7	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	335
CS-8	5/15/2024	1.5'	ND	28.6	ND	ND	ND	ND	ND	ND	ND	2,400
CS-9	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	6,690
CS-10	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	7,680
CS-11	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,190
CS-12	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	707
CS-13	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	477
CS-14	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	574
CS-15	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	288
CS-16	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	454
CS-17	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	468
CS-18	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	409
CS-19	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	291
CS-20	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,510
CS-21	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.5
CS-22	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	113
	ry Criteria A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

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

(CS) - Confirmation Sample

Table 2 **Devon Energy** Clawhammer 33-28-21 Federal Com #412H **Eddy County, New Mexico**

Sample ID	Date	Donth (ft)		TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SW-1	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	582
SW-2	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	53.9
SW-3	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	144
SW-4	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	293
SW-5	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	347
SW-6	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	344
SW-7	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	470
SW-8	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.4
SW-9	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-10	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	563
SW-11	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	281
SW-12	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	478
SW-13	5/15/2024	1.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	142
	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
(SW) - Sidewall Sample

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 1

Facility: Clawhammer 33-28-21 Federal

Com #412H

County: Eddy County, New Mexico

Description:

View Southwest, area of CS-1 through CS-22.



Photograph No. 2

Facility: Clawhammer 33-28-21 Federal

Com #412H

County: Eddy County, New Mexico

Description:

View Southeast, areas of CS-1 through CS-22.



Photograph No. 3

Facility: Clawhammer 33-28-21 Federal

Com #412H

County: Eddy County, New Mexico

Description:

View Southeast, area of CS-1 through CS-22.





PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 4

Facility: Clawhammer 33-28-21 Federal

Com #412H

County: Eddy County, New Mexico

Description:

View North, area of CS-1 through CS-15, CS-21 and CS-22.



Photograph No. 5

Facility: Clawhammer 33-28-21 Federal

Com #412H

County: Eddy County, New Mexico

Description:

View Northeast, area of CS-1 through CS-22.



Photograph No. 6

Facility: Clawhammer 33-28-21 Federal

Com #412H

County: Eddy County, New Mexico

Description:

View Northwest, area of CS-1 throjugh CS-22.





APPENDIX C

CARMONA RESOURCES

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 290922

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	290922
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source						
Please answer all the questions in this group.						
Site Name	Clawhammer 33-28-21 FED COM 412H					
Date Release Discovered	11/21/2023					
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 fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Well Produced Water Released: 7 BBL Recovered: 5 BBL Lost: 2 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)	Not answered.

District I
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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 290922

QUESTIONS (continued)							
Operator:	OGRID:						
WPX Energy Permian, LLC	246289						
Devon Energy - Regulatory	Action Number:						
Oklahoma City, OK 73102	290922						

Action Type:

[NOTIFY] Notification Of Release (NOR)

QUESTIONS

lature 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.					
(ith 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 safety 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.

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ACKNOWLEDGMENTS

Action 290922

ACKNOWLEDGMENTS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	290922
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

✓	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.	
V	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.	
V	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.	
V	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.	

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CONDITIONS

Action 290922

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	290922
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
jraley	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	12/4/2023

Miranda Milwee

From: Hamlet, Robert, EMNRD < Robert.Hamlet@emnrd.nm.gov>

Sent: Wednesday, February 7, 2024 9:33 AM

To: Raley, Jim

Cc: Mike Carmona; Miranda Milwee; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD;

Velez, Nelson, EMNRD

Subject: Extension Request WPX Energy - nAPP2333850967

RE: Incident #NAPP2333850967

Jim,

Your request for a 90 day extension to **May 7th, 2024** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Tuesday, February 6, 2024 1:48 PM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Extension Request WPX Energy - nAPP2333850967

From: Raley, Jim < <u>Jim.Raley@dvn.com</u>>
Sent: Tuesday, February 6, 2024 11:47 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: Mike Carmona < Mcarmona@carmonaresources.com >; Miranda Milwee < MilweeM@carmonaresources.com >

Subject: [EXTERNAL] Extension Request WPX Energy - nAPP2333850967

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

NMOCD District II,

WPX Energy respectfully request a 90 day extension for incident nAPP2333850967 - CLAWHAMMER 33-28-21 FED COM 412H – (30-015-49831) that occurred on 11/21/2023. Due to a lack of groundwater data in the area we needed to drill a

well to determine DTW and correctly characterize this incident. Securing a driller required extra time which will take us past our original 90 day window of 2/19/2024.

Jim Raley | Environmental Professional - Permian Basin 5315 Buena Vista Dr., Carlsbad, NM 88220 C: (575)689-7597 | jim.raley@dvn.com



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Miranda Milwee

From: Hamlet, Robert, EMNRD < Robert.Hamlet@emnrd.nm.gov>

Sent: Thursday, April 25, 2024 1:27 PM

To: Raley, Jim

Cc: Miranda Milwee; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD; Velez, Nelson,

EMNRD

Subject: (Final Extension) - WPX - NAPP2333850967 CLAWHAMMER 33-28-21 FED COM 412H

RE: Incident #NAPP2333850967

Jim,

Your request for a 90 day extension to **July 24th, 2024** is approved. This will be the **final extension** for this release. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave.| Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/



From: Raley, Jim <Jim.Raley@dvn.com> Sent: Thursday, April 25, 2024 1:14 PM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov> **Cc:** Miranda Milwee <MilweeM@carmonaresources.com>

Subject: [EXTERNAL] WPX Energy Extension Request -- Clawhammer nAPP2333850967

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Robert,

WPX Energy requests a 90 day extension for incident nAPP2333850967 (Clawhammer 33-28-21 Federal #421H, 30-015-49831), for the following reasons.

- Lack of groundwater data in the area required us to drill a DTW well to determine the appropriate remediation criteria. Scheduling the rig, applying for permits took longer than expected, but has been completed.
- We have scheduled excavation for the impacted soils and are currently scheduled to begin with the next 14 days. We will not be able to deliver a closure report within the current deadline of May 7th, 2024.

Please let me know if you need any additional information.

Jim Raley | Environmental Professional - Permian Basin

5315 Buena Vista Dr., Carlsbad, NM 88220 C: (575)689-7597 | jim.raley@dvn.com



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Miranda Milwee

From: Miranda Milwee

Sent: Thursday, May 9, 2024 12:00 PM

To: OCD.Enviro@emnrd.nm.gov < OCD.Enviro@emnrd.nm.gov >

Cc: jim.raley@dvn.com; Mike Carmona; Conner Moehring; Devin Dominguez; Clint Merritt

Subject: Devon - Clawhammer 33-28-21 Fed Com #412H Sampling Notification

All,

This email serves as a notification for sampling at the site referenced below. The notification will be submitted through the NMOCD portal as well.

Devon – Clawhammer 33-28-21 Fed Com #412H Eddy County, New Mexico

Sampling Day – Monday – 05/13/2024 Time – 1:00 PM Mountain Time

Square Feet ~ 5,400

The approximate total number of samples is ~ 33 Sampler Information: Miranda Milwee 432-813-9652

GPS Coordinates: 32.000941, -103.889366

Incident Number: nAPP2333850967

Driving Directions: From the intersection of NM-128 and Orla Rd trvl S on Orla Rd for 10.41 mi, trn R onto Pipeline Rd trvl W

for 9.80 mi trn L and

trvl S on Unnamed Lease Rd for 4.06 mi. Trn R on Unnamed Lease Rd, trvl W for 2.84 mi. Trn L on Unnamed Lease Rd and trvl S

for 0.32 mi

Please feel free to reach out if you have any questions or need any additional information.

Thank you,

Miranda Milwee 310 West Wall Street, Suite 500 Midland TX, 79701 M: 432-813-9652

MilweeM@carmonaresources.com



District III

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 343367

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	343367
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2333850967
Incident Name	NAPP2333850967 CLAWHAMMER 33-28-21 FED COM 412H @ 30-015-49831
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-49831] CLAWHAMMER 33 28 21 FEDERAL COM #412H

Location of Release Source	
Site Name	Clawhammer 33-28-21 FED COM 412H
Date Release Discovered	11/21/2023
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	5,400
What is the estimated number of samples that will be gathered	33
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/13/2024
Time sampling will commence	01:00 PM

Warning: Notification can not be less than two business days prior to conducting final sampling.

Please provide any information necessary for observers to contact samplers	Miranda Milwee 432-813-9652
Please provide any information necessary for navigation to sampling site	From the intersection of NM-128 and Orla Rd trvl S on Orla Rd for 10.41 mi, trn R onto Pipeline Rd trvl W for 9.80 mi trn L and trvl S on Unnamed Lease Rd for 4.06 mi. Trn R on Unnamed Lease Rd, trvl W for 2.84 mi. Trn L on Unnamed Lease Rd and trvl S for 0.32 mi

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

CONDITIONS

Action 343367

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	343367
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created	Condition	Condition
Ву		Date
jraley	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.	5/13/2024

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 343370

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	343370
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2333850967
Incident Name	NAPP2333850967 CLAWHAMMER 33-28-21 FED COM 412H @ 30-015-49831
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-49831] CLAWHAMMER 33 28 21 FEDERAL COM #412H

Location of Release Source	
Site Name	Clawhammer 33-28-21 FED COM 412H
Date Release Discovered	11/21/2023
Surface Owner	Federal

Sampling Event General Information			
Please answer all the questions in this group.			
What is the sampling surface area in square feet	5,400		
What is the estimated number of samples that will be gathered	33		
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/15/2024		
Time sampling will commence	08:00 AM		
Please provide any information necessary for observers to contact samplers	Miranda Milwee 432-813-9652		
Please provide any information necessary for navigation to sampling site	From the intersection of NM-128 and Orla Rd trvl S on Orla Rd for 10.41 mi, trn R onto Pipeline Rd trvl W for 9.80 mi trn L and trvl S on Unnamed Lease Rd for 4.06 mi. Trn R on Unnamed Lease Rd, trvl W for 2.84 mi. Trn L on Unnamed Lease Rd and trvl S for 0.32 mi		

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CONDITIONS

Action 343370

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	343370
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created	Condition	Condition
Ву		Date
jraley	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.	5/13/2024

Received by OCD: 6/5/2024 11:34:10 AM Form C-141 State of New Mexico Page 6 Oil Conservation Division

Incident ID
District RP
Facility ID
Application ID

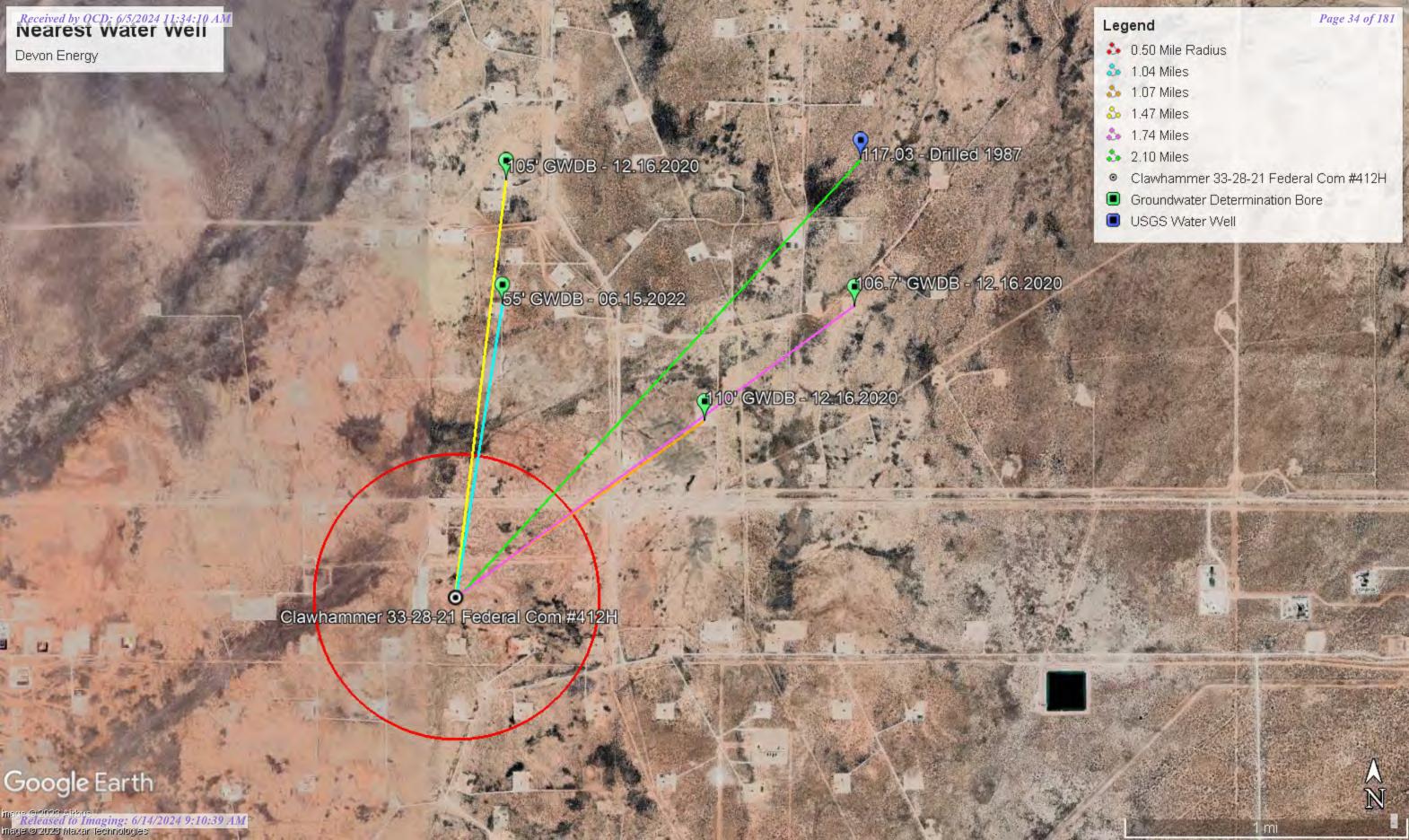
Closure

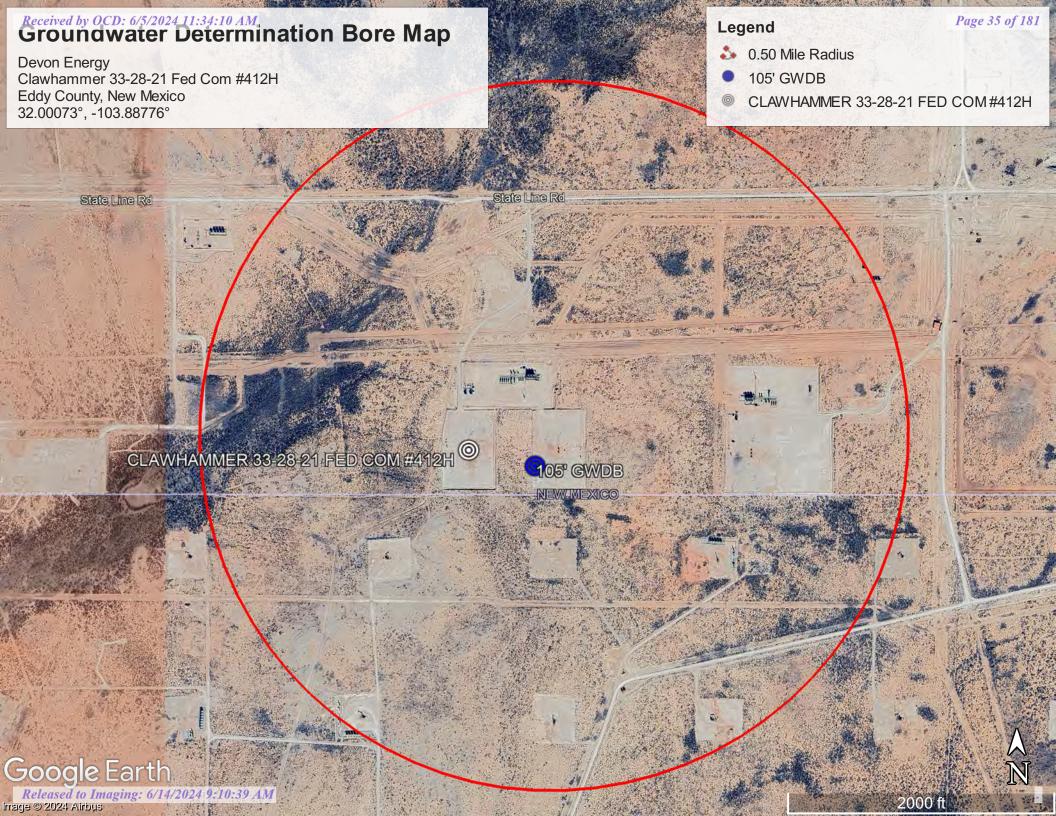
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled 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.

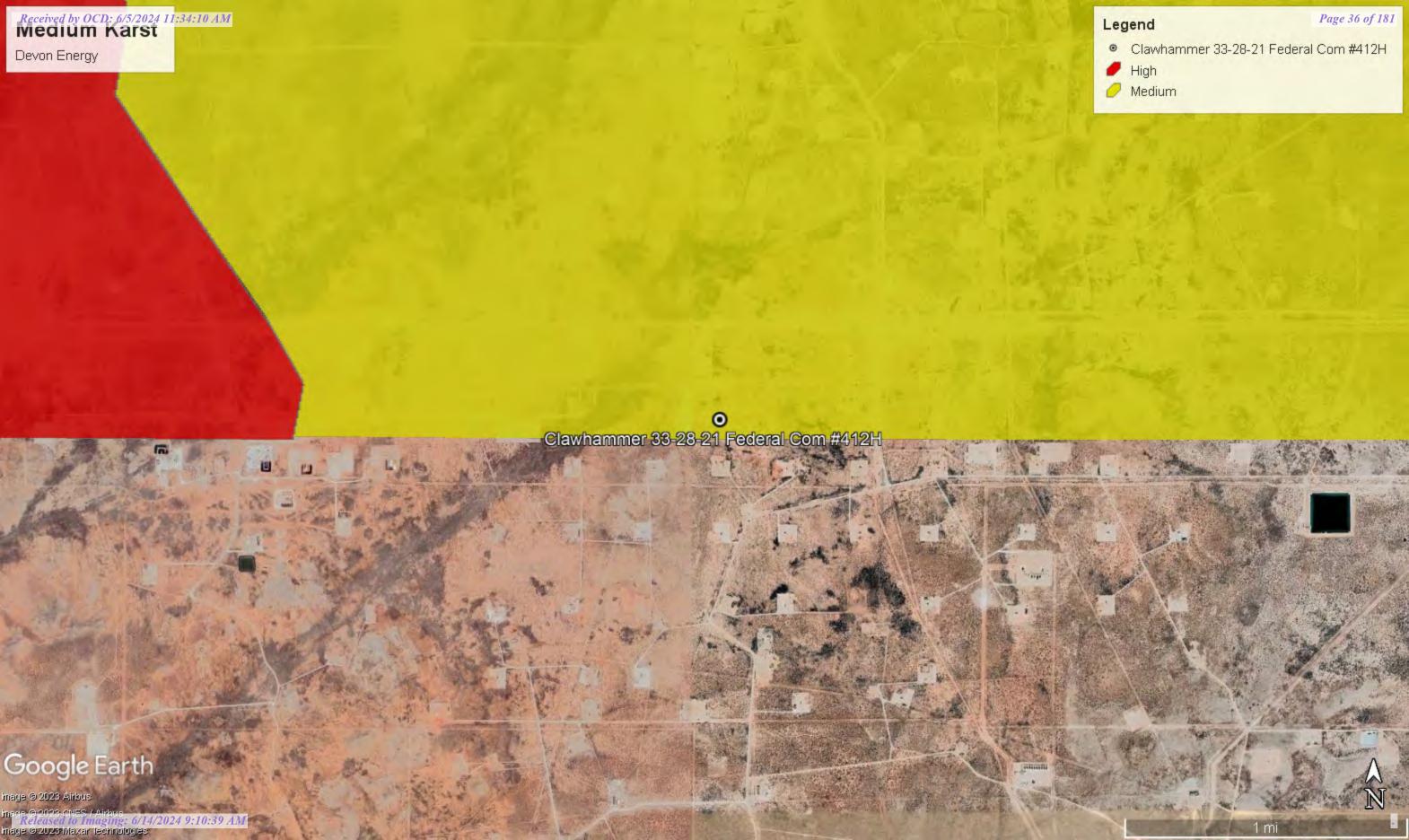
Closure Report Attachment Checklist: Each of the following items must be included in the closure report.				
A scaled site and sampling diagram as described in 19.15.29.11 NMAC				
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)				
Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)				
Description of remediation activities				
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in			
Printed Name:	Title:			
Signature:	Date:6/5/2024			
email:	Telephone:			
OCD Only				
Received by:	Date:			
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.				
Closure Approved by:	Date:			
Printed Name:	Title:			

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

(quarters are 1=NW 2=NE 3=SW 4=SE)

water right file.)	closed)	(quarters are smalles	st to largest)	(NAD83 UTM in meters	s) (In feet)
	POD Sub-	QQQ			Depth Depth Water
POD Number	Code basin Cou	inty 64 16 4 Sec Tws	Rng	X Y D	istance Well Water Column
C 04625 POD1	CUB E	D 1 3 2 28 26S	30E 6053	40 3542781 🌍	1670 55
C 04629 POD1	CUB E	D 4 3 4 21 26S	30E 6053	81 3543462 🌍	2350

Average Depth to Water:

Minimum Depth:

Maximum Depth:

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 605098 Northing (Y): 3541129 Radius: 4000

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.

PAGE 1 OF 2



Z	OSE POD NO. (WI	ELL NO.)	< -		WELL TAG ID NO).		OSE FIL C-0480						
CATIO	WELL OWNER N		gent-Conner Moe	rhing)				PHONE 432-81	(OPTIC	ONAL)	_			
VELL LC	WELL OWNER M 310 W. Wall S	AILING	ADDRESS					CITY Midlan	-		STAT	79701	ZIP	
GENERAL AND WELL LOCATION	WELL LOCATION (FROM GPS)	LAT	DE	32 103	MINUTES 00	SECONI 2.71	N			Y REQUIRED: ONE TENTIL OF A SECOND				
1. GENE			GITUDE G WELL LOCATION TO			15.9 ON LANDMA			DATUM REQUIRED: WGS 84 SECTION, TOWNSHIIP, RANGE) WHERE AVAILABLE					
	LICENSE NO. WD-1862	2	NAME OF LICENSED		James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC						
	DRILLING STAR 2-14-24	red	DRILLING ENDED 2-14-24	DEPTH OF COM	APLETED WELL (FT)		LE DEPTH	I (FT)					
DRILLING & CASING INFORMATION	COMPLETED WELL IS: ARTESIAN *add PRY HOLE SHALLOW (UNCONFINED) Centralizer info below STATIC WATER LEVEL. IN COMPLETED WELL (FT) DATE STATIC MEASURED (FT)													
	DRILLING FLUID:									CHEC	K HERE I	IF PITLESS ADAI	PTER IS	
	DEPTH (feet bgl) FROM TO DIAM (inches)			(include e				ASING NECTION		The state of the s		SING WALL HICKNESS (inches)	SLOT SIZE (inches	
RILLING & CA	0'	105'	4"		no casing left in hole			ning diame	eter)					
2. D														
	DEPTH (fee	DEDTIL (6-141-1) LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE								AMOUNT		. Liennio		
CRIAL	DEPTH (feet bgl) FROM TO BORE HOLE DIAM. (inches)			RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below N/A					below)	AMOUNT METHOL (cubic feet) PLACEM				
3. ANNULAR MATERIAL						LVIA								
FOR	OSE INTERNA	L USE			POD N				WR-20) WELL RECORD	& LOC	(Version 09/2	2/2022)	

WELL TAG ID NO.

LOCATION

	DEPTH (f	eet bgl)	THE WAY I FOR	COLOR AND TYPE OF MATERIAL ENCOUN	ITERED -	WATER	ESTIMATED YIELD FOR
	FROM	то	THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIES OR FRAC (attach supplemental sheets to fully describe:		BEARING? (YES / NO)	WATER- BEARING ZONES (gpm)
1	0'	5'	5'	sandy caliche		Y /N	
	5'	25'	20'	sandy red clay		Y ✓N	
1	25'	65'	45'	red clay		Y /N	
1	65'	70'	5'	grey shale		Y ✓N	
İ	70'	105	35'	red clay		Y VN	
						Y N	
						Y N	
						Y N	
		2.7				Y N	
						YN	
+: HIENOGEOLOGIC LOG OF WELL						Y N	
2						Y N	
						Y N	
						Y N	
+						Y N	
						Y N	
						Y N	
						Y N	
						Y N	
						Y N	
						Y N	
	METHOD U			OF WATER-BEARING STRATA: BAILER OTHER - SPECIFY: dry hole	4 1 1 2	TAL ESTIMATED ELL YIELD (gpm):	0.00
	WELL TES	TEST	RESULTS - ATT	ACH A COPY OF DATA COLLECTED DURING WELL ME, AND A TABLE SHOWING DISCHARGE AND DRA			
TEST; KIG SUPERVISION	MISCELLA	2 1 7 7 7	FORMATION: WE	ell was gauged for water on 2-23-24, well bore was dr as backfilled to 10' BGS with drill cuttings, then hydra rface.	ry, temporary well	casing was remove	ed, bore hole
3. LEST	PRINT NAM		ORILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPERVISION C	OF WELL CONSTR	UCTION OTHER T	HAN LICENSE
9. SIGNATORE	CORRECT I	RECORD OF THE PROPERTY OF THE	of the above of older within 3	DESCRIBED HOLE AND THAT HE OR SHE WILL FILE O DAYS AFTER COMPLETION OF WELL DRILLING: James Hawley	OGE AND BELIEF, THIS WELL RECO	ORD WITH THE ST	IS A TRUE AN
		SIGNA	TORE OF DRILLE	R / PRINT SIGNEE NAME		DATE	
O	OSE INTER	NAL USE			WR-20 WELL R	ECORD & LOG (Ve	ersion 09/22/20





NO	OSE POD NO. (W POD 1 (TW-1)		WELL TAG ID N N/A	IO.		OSE FILE NO(C-4625	S).			
OCATI	WELL OWNER N Devon Energy							PHONE (OPTION 575-748-18)				
WELL	WELL OWNER M 6488 7 Rivers		ADDRESS					CITY Artesia		STA NM		ZIP
GENERAL AND WELL LOCATION	WELL LOCATION (FROM GPS)		D TITUDE NGITUDE	32 103	32 0 58.53 _N				REQUIRED: ON		F A SECOND	
1. GEN	and the first transfer of the same of the	ELATIN	IG WELL LOCATION TO T26S R30S NMPN		RESS AND COMM	ON LANDMAR	KS – PL	SS (SECTION, TO	WNSHJIP, RANG	E) WHERE	AVAILABLE	
	LICENSE NO. 1249		NAME OF LICENSEI		Jackie D. Atkii	ns		NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, I				Inc.
	DRILLING STAR 6/15/2022		DRILLING ENDED 6/15/2022	THE RESERVE OF THE PROPERTY OF	DEPTH OF COMPLETED WELL (FT) BORE HO				DEPTH WATE		COUNTERED (FI	Ŋ
Z	COMPLETED WE	ELL IS:	ARTESIAN	✓ DRY HO	DLE SHALI	LOW (UNCONI	TNED)		WATER LEVEL PLETED WELL	n/a	6/15/22	MEASUREI , 7/12/22
MATIO	DRILLING FLUID	_	AIR ROTARY HAM	MUD MER CAE	ADDIT	TVES – SPECIF	_	Hollow Stem	Auger C	HECK HER	E IF PITLESS ADA	APTER IS
CASING INFORMATION	DEPTH (feet bgl) BORE HOLE				MATERIAL AN			ASING	CASING	NSTALLED C	CASING WALL	
ASING	FROM	то	DIAM (inches)		(include each casing string, and note sections of screen)			NECTION ΓΥΡΕ bling diameter)	INSIDE DIAM. (inches)		THICKNESS (inches)	SIZE (inches
ING & C	0	55	±6.5		Boring-HSA			2			(12)	
2. DRILLING &												
7.												
IAL	DEPTH (feet	t bgl) TO	BORE HOLE DIAM. (inches)	1	IST ANNULAR AVEL PACK SIZ						METHOD OF PLACEMENT	
ANNULAR MATERIAL												
3. ANNUL												
FOR	OSE INTERNAL							WR-2			OG (Version 01/2	28/2022)
	ATION 765		5 DE. 28.1.3	3.7-	POD N	10.		WELL TAG II	C. V	170	PAGE	E 1 OF 2

	DEPTH (f	eet bgl)		COLOR AND	D TYPE OF MAT	EDIAL ENCOUR	TERED	1100		ESTIMATED
	FROM	то	THICKNESS (feet)	INCLUDE WATE	D TYPE OF MAT R-BEARING CAV plemental sheets t	ITIES OR FRA	CTURE ZONE	S BEA	ATER RING? S / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0	20	20	Sand, Fine-gra	ined, poorly grade	d, 5 YR 5/6, Red	dish Yellow	Y	✓ N	
	20	40	20	Sand, Fine-gra	ined, poorly grade	d, with clay, 2.5	YR 5/6, Red	Y	√ N	
	40	55	15	Sand, Fine-gra	ined, poorly grade	d, with clay, Red	dish Yellow	Y	√ N	
								Y	N	
								Y	N	
7								Y	N	
WEL								Y	N	
OF								Y	N	
90								Y	N	
ICL								Y	N	
507								Y	N	
EOI	11							Y	N	
4. HYDROGEOLOGIC LOG OF WELL								Y	N	
EY.								Y	N	
4								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
	METHOD U			OF WATER-BEARING	STRATA: HER – SPECIFY:			TOTAL ESTI		0.00
N.	WELL TEST			ACH A COPY OF DAT						
TEST; RIG SUPERVISION	MISCELLAT	NEOUS IN	FORMATION: Te	mporary well materia low ground surface(b	l removed and so	oil boring backt	filled using dr ps ten feet bg	s to surface.		epth to ten feet
S. TES	PRINT NAM			VISOR(S) THAT PROV	VIDED ONSITE S	UPERVISION O	F WELL CON	STRUCTION	OTHER TH	IAN LICENSEE:
SIGNATURE	CORRECT F	ECORD O	F THE ABOVE D	IES THAT, TO THE BI ESCRIBED HOLE AND DAYS AFTER COMI	D THAT HE OR S PLETION OF WEI	HE WILL FILE		RECORD WITH	H THE ST	
e. SIG	Jacke Atkins Jackie D. Atkins SIGNATURE OF DRILLER / PRINT SIGNEE NAME								1/2022 DATE	
_		DIGITAL	ORL OF DRILLE		** ******				DAIL	
	R OSE INTER				race with		NUTLES, DELET			rsion 01/28/2022)
_		24625		, ,	POD NO.		TRN NO.	726170	2	Law Services
LO	CATION 26	5.30	E. 28. 1.	5.6		WELI	TAG ID NO.			PAGE 2 OF 2



2904 W 2nd St. Roswell, NM 88201 voice: 575.624.2420 fax: 575.624.2421 www.atkinseng.com

August 4, 2022

DII-NMOSE 1900 W 2nd Street Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4625 Pod1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, C-4625 Pod1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

Lucas Middleton

Enclosures: as noted above

Sucan Middle

LUE DI 1908 8 2022 PML 19

Received by OCD: 6/5/2024 11:34:10 AM BORING LOG/MONITORING WELL COMPLETION BEAGRAM 181 HBL Borms/Well Number Location COMPLIANCE MW-1 Ross Draw Unit #57 Chent Dote: 12/9/2020 WPX Energy Drilled By Drilless Method Sumpling Method Logged By: J. Linn. PG Talon LPE Air Rotary None Gravel Pauk Domb Inservat Guivel Pack Type Seal Type: Seal Doots Interval: Laconder 10/20 Sand 3 Bags None None 32.01032 Depth Interval Burma Total Depth (ft. BGS): Caring Type Diameter Longitude PVC -103.87246 2-inch 0-105 feet bgs Screen Type: Slot Diameter: Depth lateryal: Wall Total Depth (II. BGS) Depth to Water (ff. BTOC) DTW Date 12/16/2020 > 110PVC 2-inch 105-110 8 0.010-inch 110 Interval (ft) PID (ppm) Recovery Sample 1D Summy Moisture Plasticity USCS Odor Well (B) Lithology/Remarks Completion Û 5 10 15 Tan/pale orange/pale brown poorly NM SM NS L/M Di N M NM graded fine sand 20 25 30 35 40 Hard, dry pale pink orange well graded NM M D N N MM SW NS sand with gravel 45 50 NM M D N N MM SM NS Pale orange ted tan silty fine sand 55 60 NS NM N Dark brown grevish well graded sand L D N MM SW 65 70 75 80 Dio NM L/M N N NM SW NS Grey well graded sand SL M 85 90 95 100 Tan/pale orange/pale brown poorly L/M SM NS NM D N N NM graded fine sand - TD 110 bgs. 105

DIAGRA	VELL COMPLETIO	MONITORING V	NG LOG	BORIS Bouns Wall			924 11:3	L	HR		
om 21-43	RDX Federal C	fW-1		Tanaa Waa		GE	IANI	MPL	COL		\sim
ergy	©ient WPX En	9/2020	12/	Date.		15	101	LUI	\$0		
DE	Drilled By: Talon L	nn, P.G.	1.15	Logged By.		rtei.		Sampling S		ahod: ir Rotar	Orilling Me
r.c.	Letinula	Seal Depth Interval:	-9,44	Seul Type.	None k Depth Interval			Gravel Pag	**		Spayed Phot
71	32.0225	None	one			4.0	3 Ba	7.7	100	0/20 San	
271	-103.884	Beong Total Depth (ft. BGS) 110			pti: Interval. 100 feet bgs			Dumeter. 2-inch		PVC	
DTW Date:	702(7)		Walf Tonii Depth (ff. BGS)		Interval:		Linmeter:		Slot		Sereen Typ
12/16/20	> 105	05			105 ft	100 -	2-inch	neh	0.010-in		PVC
Well Completi	gy/Remarks	Litholog	Sample ID	USCS	PID (ppm)	Staining	Odor	Moisture	Plasticity	Recovery (fl)	Depth Interval (ft)
	n poorly graded fine and		NS	SP	NM	N	N	D	ι	NM	0 5 10
	and minor caliche		NS	CL	NM	Ņ	N	D	Н	NM	20
	le red poorly graded is sand		NS	SP	NM	N	N	D	L	NM	25 30 35 40 45
	The second secon	SP NS Golden yellow poorly g with minor silt a	NM	N	N	D	L	NM	50 55 60		
	le red poorly graded h minor silt/clay	NS	SP	NM	N	N	D	Ĺ,	NM	65 70 75	
	Buff to orange color fine sand with medium sand and clay		NS	SC	NM	N	N	D	M	NM	80 85 90
	rith silt and fine sand	Brown orange clay with silt and fine sand			NM	N	N	D	н	NM	95
	buff colored clay with g 110' BGS: Sand 110'	fine sand - TD Borin	NS	SC	NM 39 <i>AM</i>	N 9:10:	N 4/2024	D ng: 6/1	H Imagi	NM used to	100 Relea

	٦	-	MPI	TIO	CE		Dare)	4W-1	Lication: Ross Draw U	Init #55
Drilling M		7	Sampling				Lugged By	-	9/2020	WPX En	- 00
instal Pac			Graves Pe	ck Depti In		_	Stal Type:		inn, PG Seal Digith Interval	Talon L.	
hong Typ	0/20 Sa	Dunner	_	Dipth his	real real			one Depth (it i	None.	32,0161	.65
PVC Sarom Typ		2-inch		0-101/7		Interval	Wall Total	Depth (9: BO	067*	-103,863 Devike: Wine: (0, 8700)	DIW Due:
PYC		0.010-	inch			-1067	Acti visit		167*	>106' 7"	12/16/2020
Depth Interval (ff)	Recovery (ft)	Plasticity	Moisture	Oder	Staining	PID (ppm)	USCS Sample ID		Lithole	ogy/Remarks	Well Completion
0 5 10	NM	'n	D	N	N	NM	SP	NS		colored poorly graded ith minor silt	
20 25 30	NM	Ļ	D	N	N	NM	sw	NS		Pale tan orange well graded fine sand with minor medium and coarse sand	
35 40 45 50 55 60	NM	i.	Þ	N	'n	NM.	SP	NS		wn poorly graded fine in minoe gravel	
65 70 75 80 85	NM.	p	р	N	N	NM	SP	NS		raded fine sand with or grave)	
90 95	NM	L	D	N	N	NM	SP	NS	Darker grey po- with minor silt ar		
100	NM	м	D.	N g: 6/1	N	NM 4 9 · 1	SC 0-39	NS		and with moderate silt (- TD 106'7"	



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USGS Water Resources



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Groundwater levels for New Mexico

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■ Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs

site_no list =

• 320125103514701

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320125103514701 26S.30E.22.44124

Eddy County, New Mexico

Latitude 32°01'25", Longitude 103°51'47" NAD27

Land-surface elevation 3,044 feet above NGVD29

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

Output formats

Table of data					
Tab-separated dat	: <u>a</u>				
Graph of data					
Reselect period					

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 (measure
1987-10-21		D	62610		2926.97	NGVD29	1		S	
1987-10-21		D	62611		2928.54	NAVD88	1		S	
1987-10-21		D	72019	117.03			1		S	

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				
Method of measurement	S	Steel-tape measurement.				



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<u>U.S. Department of the Interior | U.S. Geological Survey</u> **Title: Groundwater for New Mexico: Water Levels**

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

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2023-11-22 08:48:02 EST

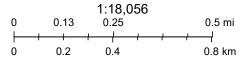
0.28 0.24 nadww01



New Mexico NFHL Data



November 21, 2023



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

APPENDIX E

CARMONA RESOURCES

Report to:
Mike Carmona





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: Clawhammer 33-28-21 Federal

Com #412H

Work Order: E403276

Job Number: 01058-0007

Received: 3/29/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/4/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/4/24

Mike Carmona 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: Clawhammer 33-28-21 Federal Com #412H

Workorder: E403276

Date Received: 3/29/2024 7:15:00AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/29/2024 7:15:00AM, under the Project Name: Clawhammer 33-28-21 Federal Com #412H.

The analytical test results summarized in this report with the Project Name: Clawhammer 33-28-21 Federal Com #412H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Sample Summary

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	Donoutoda
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	04/04/24 13:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 (0-1')	E403276-01A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-1 (1.5')	E403276-02A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-1 (2')	E403276-03A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-1 (3')	E403276-04A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-2 (0-1')	E403276-05A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-2 (1.5')	E403276-06A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-2 (2')	E403276-07A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-2 (3')	E403276-08A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-2 (4')	E403276-09A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-3 (0-1')	E403276-10A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-3 (1.5')	E403276-11A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-3 (2')	E403276-12A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-3 (3')	E403276-13A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-3 (4')	E403276-14A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-3 (5')	E403276-15A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-3 (6')	E403276-16A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-4 (0-1')	E403276-17A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-4 (1.5')	E403276-18A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-4 (2')	E403276-19A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-4 (3')	E403276-20A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-4 (4')	E403276-21A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-5 (0-1')	E403276-22A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-5 (1.5')	E403276-23A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-5 (2')	E403276-24A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.
S-5 (3')	E403276-25A	Soil	03/22/24	03/29/24	Glass Jar, 2 oz.

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S1 (0-1') E403276-01

		E403276-01				
		Reporting	D 11 - 1			
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	g/kg mg/kg Analyst: RKS		rst: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
o,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		89.6 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2413124
Chloride	10600	400	20	03/29/24	03/29/24	

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-1 (1.5') E403276-02

		E403270-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.0 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		92.4 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413124
Chloride	4940	200	10	03/29/24	03/29/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-1 (2') E403276-03

		1105270 05				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
o,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	113	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	71.9	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		92.2 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2413124
Chloride	13200	400	20	03/29/24	03/29/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-1 (3') E403276-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		88.7 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: RKS		Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		95.0 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2413124
Chloride	ND	20.0	1	03/29/24	03/30/24	

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-2 (0-1') E403276-05

		E-105270 03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
o,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		91.4 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.3 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	697	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	176	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		91.5 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2413124
Chloride	12800	400	20	03/29/24	03/30/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-2 (1.5') E403276-06

	E403270-00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	vst: RKS		Batch: 2413115
ND	0.0250	1	03/29/24	04/02/24	
ND	0.0250	1	03/29/24	04/02/24	
ND	0.0250	1	03/29/24	04/02/24	
ND	0.0250	1	03/29/24	04/02/24	
ND	0.0500	1	03/29/24	04/02/24	
ND	0.0250	1	03/29/24	04/02/24	
	90.2 %	70-130	03/29/24	04/02/24	
mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
ND	20.0	1	03/29/24	04/02/24	
	98.0 %	70-130	03/29/24	04/02/24	
mg/kg	mg/kg	Analy	st: KM		Batch: 2414005
ND	25.0	1	04/01/24	04/02/24	
ND	50.0	1	04/01/24	04/02/24	
	90.7 %	50-200	04/01/24	04/02/24	
mg/kg	mg/kg	Analy	st: DT		Batch: 2413124
9700	200	10	02/20/24	02/20/24	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0 98.0 % mg/kg MD 25.0 ND 50.0 90.7 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 90.2 % 70-130 70-130 mg/kg mg/kg Analy ND 20.0 1 Mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 90.7 % 50-200 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: RKS ND 0.0250 1 03/29/24 ND 0.0250 1 03/29/24 ND 0.0250 1 03/29/24 ND 0.0250 1 03/29/24 ND 0.0500 1 03/29/24 ND 0.0250 1 03/29/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 03/29/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/01/24 ND 50.0 1 04/01/24 ND 50.0 1 04/01/24 ND 50.0 1 04/01/24 Mg/kg mg/kg Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 03/29/24 04/02/24 ND 0.0250 1 03/29/24 04/02/24 ND 0.0250 1 03/29/24 04/02/24 ND 0.0500 1 03/29/24 04/02/24 ND 0.0500 1 03/29/24 04/02/24 ND 0.0250 1 03/29/24 04/02/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 03/29/24 04/02/24 mg/kg mg/kg Analyst: KK ND 20.0 1 03/29/24 04/02/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/01/24 04/02/24 ND 50.0 1 04/01/24 04/02/24 ND 50.0 1 04/01/24 04/02/24



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-2 (2') E403276-07

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	27.4	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		90.3 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2413124
Chloride	3520	200	10	03/29/24	03/30/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-2 (3') E403276-08

		1.405270 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
o,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		87.4 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2413124
Chloride	9250	200	10	03/29/24	03/30/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-2 (4') E403276-09

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: RKS		Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		89.6 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2413124
Chloride	ND	20.0	1	03/29/24	03/30/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-3 (0-1') E403276-10

		E403270-10				
	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS	·	Batch: 2413115
organics by Enrocert	ND	0.0250	1	03/29/24	04/01/24	
nzene	ND	0.0250	1	03/29/24	04/01/24	
	ND	0.0250	1	03/29/24	04/01/24	
2	ND	0.0250	1	03/29/24	04/01/24	
ene	ND	0.0500	1	03/29/24	04/01/24	
lenes	ND	0.0250	1	03/29/24	04/01/24	
: 4-Bromochlorobenzene-PID		95.1 %	70-130	03/29/24	04/01/24	
ogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2413115
Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/01/24	
: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	03/29/24	04/01/24	
ogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2414005
ange Organics (C10-C28)	56.7	25.0	1	04/01/24	04/02/24	
ge Organics (C28-C36)	56.2	50.0	1	04/01/24	04/02/24	
: n-Nonane		89.6 %	50-200	04/01/24	04/02/24	
by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2413124
	10200	200	10	03/29/24	03/30/24	
by EPA 300.0/9056A					03/30/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-3 (1.5') E403276-11

		L+052/0 11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
oluene	ND	0.0250	1	03/29/24	04/02/24	
-Xylene	ND	0.0250	1	03/29/24	04/02/24	
o,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		90.6 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2413124
Chloride	9390	200	10	03/29/24	03/30/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-3 (2') E403276-12

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		88.9 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2413124
Chloride	8140	200	10	03/29/24	03/30/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-3 (3') E403276-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		89.3 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2413124
Chloride	7590	200	10	03/29/24	03/30/24	

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-3 (4') E403276-14

		2.002.01.				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
o,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		88.1 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2413124
Chloride	4450	40.0	2	03/29/24	03/30/24	

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-3 (5') E403276-15

		2.002.0 10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		88.0 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2413124
Chloride	2730	40.0	2	03/29/24	03/30/24	

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-3 (6') E403276-16

		210027010				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		95.3 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2413124
Chloride	ND	20.0	1	03/29/24	03/30/24	

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-4 (0-1') E403276-17

		E4032/0-1/				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	0.0515	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	0.110	0.0500	1	03/29/24	04/02/24	
Total Xylenes	0.161	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	3050	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	845	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		97.8 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2413124
Chloride	14700	400	20	03/29/24	03/30/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-4 (1.5') E403276-18

		E4032/0-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
o,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414005
Diesel Range Organics (C10-C28)	100	25.0	1	04/01/24	04/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/03/24	
Surrogate: n-Nonane		100 %	50-200	04/01/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413124
Chloride	7810	200	10	03/29/24	03/30/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-4 (2') E403276-19

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/03/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/03/24	
Toluene	ND	0.0250	1	03/29/24	04/03/24	
o-Xylene	ND	0.0250	1	03/29/24	04/03/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/03/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		93.4 %	70-130	03/29/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	03/29/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	178	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	61.2	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		90.9 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2413124
Chloride	8050	200	10	03/29/24	03/30/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-4 (3') E403276-20

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2413115
Benzene	ND	0.0250	1	03/29/24	04/03/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/03/24	
Toluene	ND	0.0250	1	03/29/24	04/03/24	
o-Xylene	ND	0.0250	1	03/29/24	04/03/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/03/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	03/29/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2413115
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	03/29/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2414005
Diesel Range Organics (C10-C28)	792	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	611	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		94.8 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2413124
Chloride	1660	40.0	2	03/29/24	03/30/24	·

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-4 (4') E403276-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2413116
Benzene	ND	0.0250	1	03/29/24	04/04/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/04/24	
Toluene	ND	0.0250	1	03/29/24	04/04/24	
o-Xylene	ND	0.0250	1	03/29/24	04/04/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/04/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	03/29/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2413116
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	03/29/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2414020
Diesel Range Organics (C10-C28)	ND	25.0	1	04/02/24	04/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/24	04/03/24	
Surrogate: n-Nonane		79.5 %	50-200	04/02/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2413125
Chloride	95.8	20.0	1	03/29/24	03/29/24	

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-5 (0-1') E403276-22

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2413116
ND	0.0250	1	03/29/24	04/02/24	
ND	0.0250	1	03/29/24	04/02/24	
ND	0.0250	1	03/29/24	04/02/24	
ND	0.0250	1	03/29/24	04/02/24	
ND	0.0500	1	03/29/24	04/02/24	
ND	0.0250	1	03/29/24	04/02/24	
	99.2 %	70-130	03/29/24	04/02/24	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2413116
ND	20.0	1	03/29/24	04/02/24	
	91.1 %	70-130	03/29/24	04/02/24	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2414020
2440	25.0	1	04/02/24	04/03/24	
517	50.0	1	04/02/24	04/03/24	
	81.3 %	50-200	04/02/24	04/03/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2413125
6660	200	10	03/29/24	03/29/24	
	mg/kg ND ND ND ND ND ND ND The state of the	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 MB/kg mg/kg MB/kg mg/kg MB/kg mg/kg MB/kg MB/kg MB/kg mg/kg	Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 99.2 % 70-130 mg/kg mg/kg Anal ND 20.0 1 91.1 % 70-130 mg/kg mg/kg Anal 2440 25.0 1 517 50.0 1 81.3 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 03/29/24 ND 0.0250 1 03/29/24 ND 0.0250 1 03/29/24 ND 0.0250 1 03/29/24 ND 0.0500 1 03/29/24 ND 0.0250 1 03/29/24 mg/kg mg/kg Analyst: BA ND 20.0 1 03/29/24 mg/kg mg/kg Analyst: KM 2440 25.0 1 04/02/24 81.3 % 50-200 04/02/24 mg/kg mg/kg Analyst: DT	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 03/29/24 04/02/24 ND 0.0250 1 03/29/24 04/02/24 ND 0.0250 1 03/29/24 04/02/24 ND 0.0500 1 03/29/24 04/02/24 ND 0.0500 1 03/29/24 04/02/24 ND 0.0250 1 03/29/24 04/02/24 mg/kg mg/kg Analyst: BA ND 20.0 1 03/29/24 04/02/24 mg/kg mg/kg Analyst: BA ND 20.0 1 03/29/24 04/02/24 mg/kg mg/kg Analyst: KM 2440 25.0 1 04/02/24 04/03/24 81.3 % 50-200 04/02/24 04/03/24 mg/kg mg/kg Analyst: DT

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-5 (1.5') E403276-23

		1100270 20				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: BA		Batch: 2413116
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
oluene	ND	0.0250	1	03/29/24	04/02/24	
-Xylene	ND	0.0250	1	03/29/24	04/02/24	
,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
urrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: BA		Batch: 2413116
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: KM		Batch: 2414020
Diesel Range Organics (C10-C28)	ND	25.0	1	04/02/24	04/03/24	
Dil Range Organics (C28-C36)	ND	50.0	1	04/02/24	04/03/24	
Surrogate: n-Nonane		78.4 %	50-200	04/02/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2413125
Chloride	744	20.0	1	03/29/24	03/29/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-5 (2') E403276-24

		E403270-24				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2413116
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		92.0 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2413116
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414020
Diesel Range Organics (C10-C28)	ND	25.0	1	04/02/24	04/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/24	04/03/24	
Surrogate: n-Nonane		80.5 %	50-200	04/02/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2413125
Chloride	562	20.0	1	03/29/24	03/29/24	
Cinoriae	502	20.0				



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

S-5 (3') E403276-25

		1100270 23				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: BA		Batch: 2413116
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
o,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: BA		Batch: 2413116
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414020
Diesel Range Organics (C10-C28)	ND	25.0	1	04/02/24	04/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/24	04/03/24	
Surrogate: n-Nonane		81.8 %	50-200	04/02/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2413125
Chloride	ND	20.0	1	03/29/24	03/29/24	



		QC S	umm	ary Dat	a				
Carmona Resources 310 West Wall St. Suite 415		Project Name: Project Number:	0	Clawhammer 3 01058-0007		ederal Con	n #412H		Reported:
Midland TX, 79701		Project Manager:	N	Mike Carmona	ı				4/4/2024 1:38:51PM
		Volatile O	rganics	by EPA 80	21B				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2413115-BLK1)							Prepared: 0	3/29/24 A	analyzed: 04/01/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Foluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.9	70-130			
LCS (2413115-BS1)							Prepared: 0	3/29/24 A	analyzed: 04/01/24
Benzene	4.77	0.0250	5.00		95.4	70-130			
Ethylbenzene	4.92	0.0250	5.00		98.4	70-130			
Toluene	4.87	0.0250	5.00		97.5	70-130			
-Xylene	4.87	0.0250	5.00		97.4	70-130			
o,m-Xylene	9.91	0.0500	10.0		99.1	70-130			
Total Xylenes	14.8	0.0250	15.0		98.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			
Matrix Spike (2413115-MS1)				Source	: E403276-	10	Prepared: 0	3/29/24 A	analyzed: 04/01/24
Benzene	4.76	0.0250	5.00	ND	95.2	54-133			
thylbenzene	4.92	0.0250	5.00	ND	98.5	61-133			
Toluene	4.86	0.0250	5.00	ND	97.3	61-130			
-Xylene	4.88	0.0250	5.00	ND	97.5	63-131			
o,m-Xylene	9.92	0.0500	10.0	ND	99.2	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.6	70-130			
Matrix Spike Dup (2413115-MSD1)				Source	: E403276-	10	Prepared: 0	3/29/24 A	analyzed: 04/01/24
Benzene	4.80	0.0250	5.00	ND	96.0	54-133	0.826	20	
Ethylbenzene	5.00	0.0250	5.00	ND	100	61-133	1.48	20	
Toluene	4.93	0.0250	5.00	ND	98.6	61-130	1.28	20	
o-Xylene	4.95	0.0250	5.00	ND	98.9	63-131	1.45	20	
V-1	10.1	0.0500	10.0	ND	101	62 121	1.51	20	

10.0

15.0

8.00

0.0500

0.0250

ND

ND

101

100

63-131

63-131

70-130

1.51

1.49

20

20



p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

10.1

15.0

7.59

Clawhammer 33-28-21 Federal Com #412H Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007 Midland TX, 79701 Project Manager: Mike Carmona 4/4/2024 1:38:51PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2413116-BLK1) Prepared: 03/29/24 Analyzed: 04/02/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.43 8.00 92.9 70-130 LCS (2413116-BS1) Prepared: 03/29/24 Analyzed: 04/02/24 4.84 96.7 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.79 0.0250 5.00 95.8 70-130 4.90 0.0250 5.00 98.1 70-130 Toluene 97.5 o-Xylene 4.88 0.0250 5.00 70-130 9.80 10.0 98.0 70-130 0.0500 p.m-Xvlene 97.9 14.7 15.0 70-130 Total Xylenes 0.0250 8.00 93.3 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.46 Matrix Spike (2413116-MS1) Source: E403277-06 Prepared: 03/29/24 Analyzed: 04/02/24 4.79 0.0250 5.00 ND 95.7 54-133 Benzene ND 61-133 Ethylbenzene 4.74 0.0250 5.00 94.9 Toluene 4.85 0.0250 5.00 ND 97.0 61-130 4.82 ND 63-131 5.00 96.4 0.0250 o-Xylene p,m-Xylene 9.70 0.0500 10.0 ND 97.0 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.41 8.00 Matrix Spike Dup (2413116-MSD1) Source: E403277-06 Prepared: 03/29/24 Analyzed: 04/02/24 4.85 0.0250 5.00 ND 97.0 54-133 1.39 61-133 1.58 4.82 0.0250 5.00 ND 96.4 20 Ethylbenzene 61-130 Toluene 4 92 0.0250 5.00 ND 984 1 41 20 4.90 5.00 ND 98.0 63-131 1.66 20 o-Xylene 0.0250

10.0

15.0

8.00

0.0500

0.0250

ND

ND

98.5

98.3

92.3

63-131

63-131

70-130

1.55

1.59

20

20



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

9.85

14.8

7.38

QC Summary Data

Clawhammer 33-28-21 Federal Com #412H Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007

Midland TX, 79701		Project Manage	r: M	ike Carmona				4/-	4/2024 1:38:51PM
	Non	halogenated	Organics	by EPA 80	15D - Gl	RO		ı	Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2413115-BLK1)							Prepared: 03	3/29/24 Anal	yzed: 04/01/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			
LCS (2413115-BS2)							Prepared: 03	3/29/24 Anal	yzed: 04/01/24
Gasoline Range Organics (C6-C10)	49.0	20.0	50.0		98.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.2	70-130			
Matrix Spike (2413115-MS2)				Source:	E403276-	10	Prepared: 03	3/29/24 Anal	yzed: 04/01/24
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			
Matrix Spike Dup (2413115-MSD2)				Source:	E403276-	10	Prepared: 03	3/29/24 Anal	yzed: 04/01/24
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.5	70-130	0.00611	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			

Carmona Resources 310 West Wall St. Suite 415	Project Name: Project Number:	Clawhammer 33-28-21 Federal Com #412H 01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

Midland TX, 79701		Project Manage	r: Mi	ike Carmona				4/4	/2024 1:38:51PM		
	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: BA			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2413116-BLK1)							Prepared: 0	3/29/24 Analy	zed: 04/02/24		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130					
LCS (2413116-BS2)							Prepared: 0	3/29/24 Analy	zed: 04/02/24		
Gasoline Range Organics (C6-C10)	42.0	20.0	50.0		84.0	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130					
Matrix Spike (2413116-MS2)				Source:	E403277-	06	Prepared: 0	3/29/24 Analy	zed: 04/02/24		
Gasoline Range Organics (C6-C10)	42.0	20.0	50.0	ND	84.0	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130					
Matrix Spike Dup (2413116-MSD2)				Source:	E403277-	06	Prepared: 0	3/29/24 Analy	zed: 04/02/24		
Gasoline Range Organics (C6-C10)	41.7	20.0	50.0	ND	83.4	70-130	0.733	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130					

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	Reported:
310 West Wall St. Suite 415	Project Number:	01058-0007	_
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

Result mg/kg mg/	Midiand 1A, 79701		Project Manage	r: 1VII	ike Carmona					+/4/2024 1.36.31FWI
Result Limit Level Result Rec Limits Rec Result Rec Limits RPD Limit Level Result Rec Result Rec Limits RPD Limit RPD Result Rec Result Rec Result		Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KM
Prepared: 04/01/24 Analyzed: 04/02/24	Analyte	Result		-		Rec		RPD		
ND 25.0 ND 50.0 Source: E403276-04 Prepared: 04/01/24 Analyzed: 04/02/24		mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
ND 50.0 Solid Range Organics (C28-C36) ND 50.0 Solid Range Organics (C28-C36) ND 50.0 Solid Range Organics (C28-C36) ND Solid Range Organics (C10-C28) C10-C28) C279 C25.0 C250	Blank (2414005-BLK1)							Prepared: 0	4/01/24 An	alyzed: 04/02/24
Solution	Diesel Range Organics (C10-C28)	ND	25.0							
Prepared: 04/01/24 Analyzed: 04/02/24	Dil Range Organics (C28-C36)	ND	50.0							
Diesel Range Organics (C10-C28) 279 25.0 250 112 38-132 38-132 38-132 38-132 38-132 38-132 38-132 38-132 38	Surrogate: n-Nonane	46.2		50.0		92.5	50-200			
Matrix Spike (2414005-MS1) Source: E403276-04 Prepared: 04/01/24 Analyzed: 04/02/24 Diesel Range Organics (C10-C28) 297 25.0 250 ND 119 38-132 Outrogate: n-Nonane 48.1 50.0 96.3 50-200 Matrix Spike Dup (2414005-MSD1) Source: E403276-04 Prepared: 04/01/24 Analyzed: 04/02/24 Diesel Range Organics (C10-C28) 298 25.0 250 ND 119 38-132 0.130 20	LCS (2414005-BS1)							Prepared: 0	4/01/24 An	alyzed: 04/02/24
Matrix Spike (2414005-MS1) Source: E403276-04 Prepared: 04/01/24 Analyzed: 04/02/24 Diesel Range Organics (C10-C28) 297 25.0 250 ND 119 38-132 Furrogate: n-Nonane 48.1 50.0 96.3 50-200 Matrix Spike Dup (2414005-MSD1) Source: E403276-04 Prepared: 04/01/24 Analyzed: 04/02/24 Diesel Range Organics (C10-C28) 298 25.0 250 ND 119 38-132 0.130 20	Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132			
Diesel Range Organics (C10-C28) 297 25.0 250 ND 119 38-132 Source: E403276-04 Prepared: 04/01/24 Analyzed: 04/02/24 Diesel Range Organics (C10-C28) 298 25.0 250 ND 119 38-132 0.130 20	Surrogate: n-Nonane	45.3		50.0		90.6	50-200			
### Spike Dup (2414005-MSD1) **Source: E403276-04** **Prepared: 04/01/24** **Analyzed: 04/02/24** **Diesel Range Organics (C10-C28) **298** **25.0** **25.0** **ND** **19** **38-132* **0.130* **20** **2	Matrix Spike (2414005-MS1)				Source:	E403276-0	04	Prepared: 0	4/01/24 An	alyzed: 04/02/24
Matrix Spike Dup (2414005-MSD1) Source: E403276-04 Prepared: 04/01/24 Analyzed: 04/02/24 Diesel Range Organics (C10-C28) 298 25.0 250 ND 119 38-132 0.130 20	Diesel Range Organics (C10-C28)	297	25.0	250	ND	119	38-132			
Diesel Range Organics (C10-C28) 298 25.0 250 ND 119 38-132 0.130 20	Surrogate: n-Nonane	48.1		50.0		96.3	50-200			
	Matrix Spike Dup (2414005-MSD1)				Source:	E403276-	04	Prepared: 0	4/01/24 An	alyzed: 04/02/24
Surrogate: n-Nonane 48.3 50.0 96.6 50-200	Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	38-132	0.130	20	
	Surrogate: n-Nonane	48.3		50.0		96.6	50-200			



Carmona Resources Project Name: Clawhammer 33-28-21 Federal Com #412H Reported:
310 West Wall St. Suite 415 Project Number: 01058-0007
Midland TX, 79701 Project Manager: Mike Carmona 4/4/2024 1:38:51PM

Wildiana 17, 77701		1 Toject Ivianage	. 141	ike Carmona					7 7 7 202 1 1.30.31114
	Nonha	logenated Or	ganics by l	EPA 8015I	O - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414020-BLK1)							Prepared: 0	4/02/24 Ana	alyzed: 04/03/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	39.6		50.0		79.2	50-200			
LCS (2414020-BS1)							Prepared: 0	4/02/24 Ana	alyzed: 04/03/24
Diesel Range Organics (C10-C28)	245	25.0	250		98.2	38-132			
Surrogate: n-Nonane	42.4		50.0		84.8	50-200			
Matrix Spike (2414020-MS1)				Source:	E403268-0	04	Prepared: 0	4/02/24 Ana	alyzed: 04/03/24
Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	43.8		50.0		87.6	50-200			
Matrix Spike Dup (2414020-MSD1)				Source:	E403268-0	04	Prepared: 0	4/02/24 Ana	alyzed: 04/03/24
Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	38-132	1.63	20	
Surrogate: n-Nonane	43.0		50.0		85.9	50-200			

Carmona Resources 310 West Wall St. Suite 415	Project Name: Project Number:	Clawhammer 33-28-21 Federal Com #412H 01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:38:51PM

		Anions	by EPA 3	00.0/9056A	1				Analyst: DT	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	

	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2413124-BLK1)							Prepared: 03	3/29/24 Ana	alyzed: 03/29/24
Chloride	ND	20.0							
LCS (2413124-BS1)							Prepared: 03	3/29/24 Ana	alyzed: 03/29/24
Chloride	247	20.0	250		98.8	90-110			
Matrix Spike (2413124-MS1)				Source:	E403276-0	13	Prepared: 03	3/29/24 Ana	alyzed: 03/29/24
Chloride	14700	400	250	13200	607	80-120			M4
Matrix Spike Dup (2413124-MSD1)				Source:	E403276-0	13	Prepared: 03	3/29/24 Ana	alyzed: 03/29/24
Chloride	14900	400	250	13200	665	80-120	0.967	20	M4

Chloride

QC Summary Data

Carmona Resources 310 West Wall St. Suite 415		Project Name: Project Number:	: 0	Clawhammer 3:	3-28-21 Fe	deral Con	n #412H		Reported:
Midland TX, 79701		Project Manager		Mike Carmona					4/4/2024 1:38:51PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2413125-BLK1)							Prepared: 0	3/29/24 A	nalyzed: 03/29/24
Chloride	ND	20.0							
LCS (2413125-BS1)							Prepared: 0	3/29/24 A	nalyzed: 03/29/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2413125-MS1)				Source:	E403278-	01	Prepared: 0	3/29/24 A	nalyzed: 03/29/24
Chloride	317	20.0	250	50.2	107	80-120			
Matrix Spike Dup (2413125-MSD1)				Source:	E403278-	01	Prepared: 0	3/29/24 A	nalvzed: 03/29/24

250

20.0

80-120

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	04/04/24 13:38

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Work Order No: <u>E403276</u> Joh FF: <u>01058-0007</u>

					_																Page	_1 of3
Project Manager:	Mike Carmo				Bill to: (#	different)		Jim R	aley							- 1	- N	Wo	rk Or	der C	omments	
Company Name:	Carmona Re	esources			Company	y Name:		Devo	n Ener	у					Progra	am: U	ST/PS	т 🏻 РБ	RP 🗌	Browni	fields RRC	uperfund
Address:	310 W Wall	St Ste 500			Address:			5315	Buena	Vista D)r				State	of Proj	ject:					
City, State ZIP:	Midland, TX	79701			City, Stat	te ZIP:		Carls	bad NA	1, 8822	0				Report	ting:Le	vel (I [Leve	: III [⊒•sπ/u	JST TRRP	Level IV
Phone:	(432) 813-19	992		Emai	l: jim.raley	@dvn.c	om_								Delive	rables:	: EDD		A	DaPT	□ Othe	er:
Project Name:	Clawhamm	er 33-28-21 Fed	deral Com #412H	Tun	n Around							AN	ALYSIS	REC	UEST					T	Presen	ative Codes
Project Number:		2199		✓ Routine	Rush	1	Pres. Code							T	T						None: NO	DI Water: H₂O
Project Location	E	ddy County, Nev	w Mexico	Due Date:										_	1		-1	\dashv	\neg	_	Cool: Cool	MeOH: Me
Sampler's Name:		MM				-		1	MRO)											- 1	HCL: HC	HNO ₃ : HN
PO #:		25A1	122	1			ρ	ļ	¥ .						1 1						1 ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECEI	IPT 1	emp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	۱		9							ł				1 ₂ 00₄: 11 ₂ 1 ₃ PO₄: HP	NGOTI: NG
Received Intact:		Yes No	Thermometer ID:				l E	3021	👯	<u>۾</u>				ł	1 1						nar O₄. mr NaHSO₄: NAB	ne l
Cooler Custody Seal		s No (N/A)	Correction Factor:	3 ·		_	Z.	BTEX 8021B	8016M (GRO + DRO	Chloride 300.0					1 1						Na₂S₂O₃: NaS	
Sample Custody Sea			Temperature Read	ing:	4		1	a	NS.	ਤੌ	i					ŀ					Zn Acetate+Na	-
Total Containers:		25	Corrected Tempera	iture:					801			j		1	1 1							oic Acid: SAPC
Sample Ide	ntification	Date		Soil	Water	Grab/ Comp	# of Cont		ТРН											f		Comments
S-1 (0)-1')	3/22/2024		Х		G	1	x	×	×			\dashv	1-	1-1		\dashv	+	\dashv	_	<u> </u>	4 4 7 4
S-1 (1	.5')	3/22/2024		Х		G	1	×	x	×		\neg		+	+ +	_			-+	\dashv		
S-1 (2')	3/22/2024		Х	1	G	1	×	х	×			_		1	_	_	\dashv	\dashv	-+		
S-1 (3')	3/22/2024		х		G	1	×	x	×				1	\vdash		\dashv	\dashv	\dashv			
S-2 (0)-1')	3/22/2024		Х		G	1	х	х	×				+	+			\dashv	_	\dashv		
S-2 (1	.5')	3/22/2024		X		G	1	х	×	×				+	+ +	-	_	_		-		-
S-2 (2')	3/22/2024		Х	 	G	1	x	x	×	_		+	+	+	_	_		\dashv	\dashv		
S-2 (3')	3/22/2024		Х		G	1	x	×	×			_	+-	+	-		_	-	\dashv		
S-2 (4')	3/22/2024		Х	†	G	1	х	×	×		_	+	1	1 1	\dashv			-	\dashv		
S-3 (0	⊢1')	3/22/2024		х		G	1	х	x	×		\dashv		1	1	-				\dashv		
Comments: Emai	I to Mike Car	mona / Mcarmo	ona@carmonares	ources.com a	nd Conne	er Moeh	ring / Cı	moehi	ring@	carmo	nareso	urces.	com	•				1				
		Relinquished	l by: (Signature)					Date/	Time					Rec	eiyed by	r: (Sigi	nature	e)				Date/Time
							313	slau	110	\sim	MARIE	ul	LE	15	le_					****	3-1	18-24 1100
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77 7								~~	- 1. 1	CAJ 1	A Lind	~~ I	_ /7] 104	

Chain of Custody

Work Order No: <u>E403276</u>
Job #; 01058-0001

Decises Manager	la diluna	0				Τ.			_							_							Page	_2 of	3
Project Manager:		Carmona				Bill to: (if				Raley						4							Comments		
Company Name:	T	ona Reso				Compan			_	n Ener						4	Program: UST/PST PRP Brownfields RRC perfunc							erfund 🗌	
Address:		V Wall St				Address:				Buena						_	State of Project: Reporting:Level II								
City, State ZIP:	$\overline{}$	nd, TX 79				City, Sta	e ZIP:		Carls	bad N	A, 8822	20				_	1						_	RP 🗌 Le	vel IV ∐
Phone:	(432)	813-1992	<u> </u>		Email	im.rale	@dvn.c	om								╝	Delive	erables	: EDC			ADaP	T Oth	ner:	
Project Name:	Clav	vhammer	33-28-21 Fed	leral Com #412H	Turn	Around								ANAL	YSIS I	REQU	JEST						Prese	rvative C	ndes
Project Number:			2199		✓ Routine	Rusi	1	Pres. Code					}				Γ						None: NO		ater: H ₂ O
Project Location		Eddy	County, New	Mexico	Due Date:																		Cool: Cool		H: Me
Sampler's Name:			MM					i		MRO)			l										HCL: HC	_	3: HN
PO #:	Ц,							g		+													H ₂ SO ₄ : H ₂	NaO	-
SAMPLE RECEI	PT		p Blank:	Yes No	Wet Ice:	Yes	No	Parameters	≘	8015M (GRO + DRO	0.0								H₃PO₄: HP						
Received Intact			s) No	Thermometer ID:] <u>E</u>	BTEX 8021B	•	Chloride 300.0												NaHSO₄: NA	BIS	
Cooler Custody Seal	_		No COUR	Correction Factor:	<u> </u>			ے تھا	Įμ	8	lord			1									Na ₂ S ₂ O ₃ : Na		
Sample Custody Sea	als:	Yes		Temperature Readi					^	F. 2	ខ												Zn Acetate+I	NaOH: Zn	
Total Containers:		L	.5	Corrected Tempera	ture:	<u> </u>			j	8			l	1									NaOH+Asco	rbic Acid:	SAPC
Sample Ider		on	Date		Soil	Water	Grab/ Comp	# of Cont		TPH													Sampi	e Comm	ents
S-3 (1	<u> </u>		3/22/2024		X		G	1	×	х	×														
S-3 (3/22/2024		X		G	1	×	х	x														
S-3 (3/22/2024		X		G	1	×	×	x														
S-3 (4			3/22/2024		Х		G	1	×	х	х														
S-3 (3/22/2024		Х		G	1	×	х	х														
S-3 (6			3/22/2024		X		G	1	×	х	х														
S-4 (0			3/22/2024		Х		G	1	×	х	х														
S-4 (1			3/22/2024		X		G	1	×	х	х														
S-4 (3/22/2024		Х		G	1	×	х	х							-							
S-4 (3/22/2024		X		G	1	×	X	х														
Comments: Email	l to Mil	ke Carmo	na / Mcarmo	na@carmonareso	ources.com ai	nd Conne	er Moeh	ring / Cı	moeh	ring@	carmo	onares	ource	es.con	<u> </u>						1				
			Relinquished	by: (Signature)					Date/	Time				-	1	Recei	ved b	y: (Sig	natun	e)				Date/T	ime
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Chain of Custody

Work Order No: £ 403 276 Job#: 01058-0007

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Project Manager:	Mike	Carmona				Bill to: (#	different)		Jim R	aley									W	ork O	rder (Comments			╝
Company Name:	Carm	ona Resou	ırces			Company	/ Name:		Devor	Energ	ly .					Pro	gram:	UST/P	ST 🔲	PRP [Brow	nfields RF	ic Du	perfund	d
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City, State ZIP:	Midla	nd, TX 797	701			City, Stat	e ZIP:		Carlst	oad NN	1, 8822	0				Re	oorting:	Level II	Le	vel III	₽sт	UST RE	:P 🔲 1	Level IV	긔
Phone:	(432)	813-1992			Email	jim.raley	@dvn.c	<u>om</u>								De	iverable	s: ED	<u> </u>		ADaP	T Ott	ner:		
Project Name:	Clav	vhammer 3	33-28-21 Fed	eral Com #412H	Turn	Around							AN	ALYSI	S REC	QUES	т					Prese	vative	Codes	
Project Number:			2199		✓ Routine	Rust)	Pres. Code														None: NO	DI	Water: H ₂ 0	۱٥
Project Location		Eddy	County, New	Mexico	Due Date:																	Cool: Cool	Me	OH: Me	-
Sampler's Name:			MM].		MRO)									1			HCL: HC	HN	O ₃ : HN	
PO #:	<u> </u>							g		+										1		H₂S0₄: H₂	Na	OH: Na	ı
SAMPLE RECE	IPT		g Blank:	Yes No	Wet Ice:	es	No	Parameters	8	8015M (GRO + DRO	300.0									1		H₃PO₄: HP			- [
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Sample Custody Sea	als:	Yes		Temperature Read		4			"	15M	ច								ı	1		Zn Acetate+			
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Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested. Carmona Resources Date Received: 03/29/24 07:15 Work Order ID: F403276 Client: Logged In By: Alexa Michaels Date Logged In: Phone: (432) 813-6823 03/28/24 16:33 Due Date: 04/04/24 17:00 (4 day TAT) Email: mcarmona@carmonaresources.com Chain of Custody (COC) Yes 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC Yes 3. Were samples dropped off by client or carrier? Yes Carrier: Courier 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No Yes 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, Comments/Resolution i.e. 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) Time sampled was not documented on 6. Did the COC indicate standard TAT, or Expedited TAT? Yes COC by client. Sample Cooler Yes 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? Yes 9. Was the sample(s) received intact, i.e., not broken? Yes 10. Were custody/security seals present? No 11. If yes, were custody/security seals intact? NA 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? No NA 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes 20. Were field sample labels filled out with the minimum information: Yes Sample ID? Date/Time Collected? Yes Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No NA 22. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA **Client Instruction** envirotech Inc.

Page 43 of 43

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Mike Carmona





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: Clawhammer 33-28-21 Federal

Com #412H

Work Order: E403277

Job Number: 01058-0007

Received: 3/29/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/4/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/4/24

Mike Carmona 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: Clawhammer 33-28-21 Federal Com #412H

Workorder: E403277

Date Received: 3/29/2024 7:15:00AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/29/2024 7:15:00AM, under the Project Name: Clawhammer 33-28-21 Federal Com #412H.

The analytical test results summarized in this report with the Project Name: Clawhammer 33-28-21 Federal Com #412H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

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Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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Client Representative
Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	Donoutoda
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	04/04/24 13:36

Client Sample ID	Lab Sample ID M	atrix	Sampled	Received	Container
H-1 (0.0.5')	E403277-01A	Soil	03/22/24	03/29/24	Glass Jar, 4 oz.
H-2 (0.0.5')	E403277-02A	Soil	03/22/24	03/29/24	Glass Jar, 4 oz.
H-3 (0.0.5')	E403277-03A	Soil	03/22/24	03/29/24	Glass Jar, 4 oz.
H-4 (0.0.5')	E403277-04A	Soil	03/22/24	03/29/24	Glass Jar, 4 oz.
H-5 (0.0.5')	E403277-05A	Soil	03/22/24	03/29/24	Glass Jar, 4 oz.
H-6 (0.0.5')	E403277-06A	Soil	03/22/24	03/29/24	Glass Jar, 4 oz.



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:36:46PM

H-1 (0.0.5') E403277-01

	E4032/7-01				
D16	Reporting	Dibation	D	A I d	Notes
Resuit	Limit	Dilution	Prepared	Anaiyzed	Notes
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2413116
ND	0.0250	1	03/29/24	04/02/24	
ND	0.0250	1	03/29/24	04/02/24	
ND	0.0250	1	03/29/24	04/02/24	
ND	0.0250	1	03/29/24	04/02/24	
ND	0.0500	1	03/29/24	04/02/24	
ND	0.0250	1	03/29/24	04/02/24	
	90.1 %	70-130	03/29/24	04/02/24	
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2413116
ND	20.0	1	03/29/24	04/02/24	
	92.7 %	70-130	03/29/24	04/02/24	
mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414004
ND	25.0	1	04/01/24	04/02/24	
ND	50.0	1	04/01/24	04/02/24	
	80.1 %	50-200	04/01/24	04/02/24	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2413122
ND	20.0	1	03/29/24	03/29/24	
	ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 92.7 % mg/kg mg/kg mg/kg ND 25.0 ND 50.0 80.1 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 70-130 1 mg/kg mg/kg Ana ND 20.0 1 92.7 % 70-130 1 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 80.1 % 50-200 mg/kg Mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 03/29/24 ND 0.0250 1 03/29/24 ND 0.0250 1 03/29/24 ND 0.0500 1 03/29/24 ND 0.0250 1 03/29/24 ND 70-130 03/29/24 mg/kg mg/kg Analyst: BA ND 20.0 1 03/29/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/01/24 ND 50.0 1 04/01/24 ND 50.0 1 04/01/24 80.1 % 50-200 04/01/24 mg/kg mg/kg Analyst: IY	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 03/29/24 04/02/24 ND 0.0250 1 03/29/24 04/02/24 ND 0.0250 1 03/29/24 04/02/24 ND 0.0500 1 03/29/24 04/02/24 ND 0.0250 1 03/29/24 04/02/24 ND 0.0250 1 03/29/24 04/02/24 mg/kg mg/kg Analyst: BA ND 20.0 1 03/29/24 04/02/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/01/24 04/02/24 ND 25.0 1 04/01/24 04/02/24 ND 50.0 1 04/01/24 04/02/24 ND 50.0 1 04/01/24 04/02/24 ND 50.0 1 04/01/24

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:36:46PM

H-2 (0.0.5')

		E403277-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2413116
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2413116
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		78.9 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2413122
Chloride	96.2	20.0	1	03/29/24	03/29/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:36:46PM

H-3 (0.0.5')

		E403277-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2413116
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2413116
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		78.8 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2413122
Chloride	ND	20.0	1	03/29/24	03/29/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:36:46PM

H-4 (0.0.5')

		E403277-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2413116
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
o,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		88.2 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2413116
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		75.5 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2413122
Chloride	ND	20.0	1	03/29/24	03/29/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:36:46PM

H-5 (0.0.5')

		E403277-05				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	An	alyst: BA		Batch: 2413116
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2413116
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	Analyst: KM		Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		82.1 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2413122
Chloride	ND	20.0	1	03/29/24	03/29/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:36:46PM

H-6 (0.0.5') E403277-06

		E4032//-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Tilalyee	Result	Liiiit	Dilution	Trepared	Maryzea	rotes
Volatile Organics by EPA 8021B		mg/kg	Ana	lyst: BA		Batch: 2413116
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2413116
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	03/29/24	04/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		79.5 %	50-200	04/01/24	04/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2413122
Chloride	ND	20.0	1	03/29/24	03/29/24	



Total Xylenes

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 4-Bromochlorobenzene-PID

Matrix Spike Dup (2413116-MSD1)

QC Summary Data

Clawhammer 33-28-21 Federal Com #412H Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007 Midland TX, 79701 Project Manager: Mike Carmona 4/4/2024 1:36:46PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2413116-BLK1) Prepared: 03/29/24 Analyzed: 04/02/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.43 8.00 92.9 70-130 LCS (2413116-BS1) Prepared: 03/29/24 Analyzed: 04/02/24 4.84 96.7 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.79 0.0250 5.00 95.8 70-130 4.90 0.0250 5.00 98.1 70-130 Toluene 97.5 o-Xylene 4.88 0.0250 5.00 70-130 9.80 10.0 98.0 70-130 0.0500 p.m-Xvlene 97.9 14.7 15.0 70-130 Total Xylenes 0.0250 8.00 93.3 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.46 Matrix Spike (2413116-MS1) Source: E403277-06 Prepared: 03/29/24 Analyzed: 04/02/24 4.79 0.0250 5.00 ND 95.7 54-133 Benzene ND 61-133 Ethylbenzene 4.74 0.0250 5.00 94.9 Toluene 4.85 0.0250 5.00 ND 97.0 61-130 4.82 ND 63-131 5.00 96.4 0.0250 o-Xylene p,m-Xylene 9.70 0.0500 10.0 ND 97.0 63-131

15.0

8.00

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

ND

Source: E403277-06

97.0

96.4

984

98.0

98.5

98.3

92.3

63-131

70-130

54-133

61-133

61-130

63-131

63-131

63-131

70-130

1.39

1.58

1 41

1.66

1.55

1.59

0.0250

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

7.41

4.85

4.82

4 92

4.90

9.85

14.8

7.38



Prepared: 03/29/24 Analyzed: 04/02/24

20

20

20

20

20

QC Summary Data

Clawhammer 33-28-21 Federal Com #412H Carmona Resources Project Name: Reported: 310 West Wall St. Suite 415 Project Number: 01058-0007

Midland TX, 79701		Project Manage	r: Mi	ike Carmona				4/4	/2024 1:36:46PM		
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: BA		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes		
	mg/kg	mg/ Kg	mg/kg	mg kg	70	70					
Blank (2413116-BLK1)							Prepared: 0	3/29/24 Analy	zed: 04/02/24		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130					
LCS (2413116-BS2)							Prepared: 0	3/29/24 Analy	zed: 04/02/24		
Gasoline Range Organics (C6-C10)	42.0	20.0	50.0		84.0	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130					
Matrix Spike (2413116-MS2)				Source:	E403277-	06	Prepared: 0	3/29/24 Analy	zed: 04/02/24		
Gasoline Range Organics (C6-C10)	42.0	20.0	50.0	ND	84.0	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130					
Matrix Spike Dup (2413116-MSD2)				Source:	E403277-	06	Prepared: 0	3/29/24 Analy	zed: 04/02/24		
Gasoline Range Organics (C6-C10)	41.7	20.0	50.0	ND	83.4	70-130	0.733	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130					

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	Reported:
310 West Wall St. Suite 415	Project Number:	01058-0007	_
Midland TX, 79701	Project Manager:	Mike Carmona	4/4/2024 1:36:46PM

Midiand 1A, 79701		Project Manager	r: IVII	ке Саппопа					4/4/2024 1.30.40FW
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414004-BLK1)							Prepared: 0	4/01/24 An	alyzed: 04/02/24
iesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	39.3		50.0		78.6	50-200			
CS (2414004-BS1)							Prepared: 0	4/01/24 An	alyzed: 04/02/24
iesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
urrogate: n-Nonane	40.9		50.0		81.8	50-200			
Aatrix Spike (2414004-MS1)				Source:	E403277-0	06	Prepared: 0	4/01/24 An	alyzed: 04/02/24
iesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132			
urrogate: n-Nonane	39.0		50.0		78.0	50-200			
Matrix Spike Dup (2414004-MSD1)				Source:	E403277-0	06	Prepared: 0	4/01/24 An	alyzed: 04/02/24
iesel Range Organics (C10-C28)	248	25.0	250	ND	99.4	38-132	1.35	20	



Chloride

QC Summary Data

Carmona Resources 310 West Wall St. Suite 415		Project Name: Project Number:					Reported:		
Midland TX, 79701		Project Manager	:: 1	Mike Carmona					4/4/2024 1:36:46PM
		Anions	by EPA	300.0/9056	4				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2413122-BLK1)							Prepared: 0	3/29/24 A	nalyzed: 03/29/24
Chloride	ND	20.0							
LCS (2413122-BS1)							Prepared: 0	3/29/24 A	nalyzed: 03/29/24
Chloride	249	20.0	250		99.7	90-110			
Matrix Spike (2413122-MS1)				Source:	E403275-	05	Prepared: 0	3/29/24 A	nalyzed: 03/29/24
Chloride	371	20.0	250	88.8	113	80-120			
Matrix Spike Dup (2413122-MSD1)				Source:	E403275-	05	Prepared: 0	3/29/24 A	nalyzed: 03/29/24

250

20.0

112

80-120

0.300

20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources Project Name: Clawhammer 33-28-21 Federal Com #412H
310 West Wall St. Suite 415 Project Number: 01058-0007 Reported:
Midland TX, 79701 Project Manager: Mike Carmona 04/04/24 13:36

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Received by OCD: 6/5/2024 11:34:10 AM

Chain of Custody

Work Order No: <u>E403277</u>
Job #: 01058-0007

																_							1	of1
Project Manager:	Mike Carmona					Bill to: (#	Jim Raley								Work Order Comments									
Company Name:	Carmona Resources					Company	Devon Energy								Program: UST/PST PRP Brownfields RRC upperfund									
Address:	310 W Wall St Ste 500					Address:	5315 Buena Vista Dr								State of Project:									
City, State ZIP:	Midland, TX 79701					City, Stat	Carlsbad NM, 88220								Reporting:Level II Level III PST/UST RRP Level IV									
Phone:	(432) 813-1992 Em				Email:	jim.raley	@dvn.c	<u>om</u>										Deliverables: EDD ☐ ADaPT ☐ Other:						
Project Name:	Clawhammer 33-28-21 Federal Com #412H			eral Com #412H	Turn	Pres.	ANALYSIS REG					REQL	NUEST						Preservative Codes					
Project Number.	2199			✓ Routine		Rush														None: NO	DI Water: H ₂ O			
Project Location	Eddy County, New		Mexico	xico Due Date:																		Cool: Cool	MeOH: Me	
Sampler's Name:								1	1	+ MRO)												Ì	HCL: HC	HNO₃: HN
PO #:						يع ا	1	÷				1									H ₂ S0 ₄ : H ₂	NaOH: Na		
SAMPLE RECEI	CEIPT Tem		p Blank:	Yes No	Yes No Wet Ice:		Yes No		 <u> </u>	8015M (GRO + DRO	99.0												H₃PO₄: HP	
Received Intact	ceived Intact Yes		No_	Thermometer ID:				Parameters	805	÷	Chloride 300.0										İ		NaHSO₄: NABI	S
Cooler Custody Seal			No (N/A)	Correction Factor:					BTEX 8021B	8	절			}									Na ₂ S ₂ O ₃ : NaSC	Ο₃
Sample Custody Sea	els: Yes		No (NA	Temperature Readi	ng:	4		1	*	<u>\$</u>	5		!										Zn Acetate+Na	OH: Zn
Total Containers:			<u> </u>	Corrected Tempera	ture:	l		1	1	8													NaOH+Ascorbi	c Acid: SAPC
Sample Iden	ntification		Date		Soil	Water	Grab/ Comp	# of Cont]	TPH				:									Sample	Comments
H-1 (0-	0.5')		3/22/2024		х		G	1	×	×	х													
H-2 (0-	-0.5')		3/22/2024		Х		G	1	×	х	×													
H-3 (0-	-0.5')		3/22/2024		X		G	1	×	×	х													
H-4 (0-	-0.5')		3/22/2024		×		G	1	х	×	х													
H-5 (0-	-0.5')		3/22/2024		Х		G	1	х	x	х													
H-6 (0-	-0.5')		3/22/2024		X		G	1	х	×	х													
Comments: Emai	I to Mi	ke Carmo	ona / Mcarmo	ona@carmonares	ources.com a	nd Conn	er Moeh	ring / C	moeh	ring@)carm	onares	ource	es.cor	n									
	Relinquished by: (Signature)										Date/Time Re							y: (Się	natu	re)		Date/Time		
									108/24 1100 Japcelles Cu							ا ما	<u>L_</u>							824 1600
1. tudile tunk								132	824 - 1700 Japan 1880										28.24 1915					
Charles Misso									8.2	U Y	100					//	1.547						3/2	9/24 0715

Printed: 3/29/2024 1:09:10PM

Envirotech Analytical Laboratory

	Carmona Resources	Date Received:	03/29/24 07	:15	Work Order ID:	E403277
hone:	(432) 813-6823	Date Logged In:	03/28/24 16	:41	Logged In By:	Alexa Michaels
Email:	mcarmona@carmonaresources.com	Oue Date:	04/04/24 17	7:00 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location matel	the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: C	Courier	
	e COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes			
o. were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion		Yes		<u>Comme</u>	nts/Resolution
ample '	Turn Around Time (TAT)				Time Commission was	doouwantad an
. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Time Sampled was not	documented on
Sample (COC by client.	
	sample cooler received?		Yes			
•	was cooler received in good condition?		Yes			
	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
•	, were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are r minutes of sampling visible ice, record the temperature. Actual sample to	eccived w/i 15	Yes C			
	<u>Container</u>	. –	_			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
7. Was a	trip blank (TB) included for VOC analyses?		NA			
8. Are n	on-VOC samples collected in the correct containers?		Yes			
9. Is the	appropriate volume/weight or number of sample contained	rs collected?	Yes			
ield La	<u>pel</u>					
	field sample labels filled out with the minimum inform	nation:	V	{		
	ample ID? ate/Time Collected?		Yes	į		
	ollectors name?		Yes Yes			
ample I	reservation_					
1. Does	the COC or field labels indicate the samples were pres	served?	No			
	ample(s) correctly preserved?		NA			
4. Is lab	filteration required and/or requested for dissolved me	als?	No			
1ultiph :	se Sample Matrix					
6. Docs	the sample have more than one phase, i.e., multiphase	?	No			
7. If yes	, does the COC specify which phase(s) is to be analyze	ed?	NA			
ubconti	act Laboratory					
8. Arc s	amples required to get sent to a subcontract laboratory		No			
	subcontract laboratory specified by the client and if s	o who?	NA S	Subcontract Lab	: NA	
9. Was a						

Signature of client authorizing changes to the COC or sample disposition.



Report to:
Mike Carmona



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: Clawhammer 33-28-21 Federal

Com #412H

Work Order: E405266

Job Number: 01058-0007

Received: 5/20/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/29/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/29/24

Mike Carmona 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: Clawhammer 33-28-21 Federal Com #412H

Workorder: E405266

Date Received: 5/20/2024 9:30:00AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/20/2024 9:30:00AM, under the Project Name: Clawhammer 33-28-21 Federal Com #412H.

The analytical test results summarized in this report with the Project Name: Clawhammer 33-28-21 Federal Com #412H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Sample Summary

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	Donoutoda
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	05/29/24 14:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1 (1.5')	E405266-01A	Soil	05/13/24	05/20/24	Glass Jar, 4 oz.
CS-2 (1.5')	E405266-02A	Soil	05/13/24	05/20/24	Glass Jar, 4 oz.
CS-3 (1.5')	E405266-03A	Soil	05/13/24	05/20/24	Glass Jar, 4 oz.
CS-4 (1.5')	E405266-04A	Soil	05/13/24	05/20/24	Glass Jar, 4 oz.
CS-5 (1.5')	E405266-05A	Soil	05/13/24	05/20/24	Glass Jar, 4 oz.



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/29/2024 2:00:46PM

CS-1 (1.5') E405266-01

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg mg/kg		P	Analyst: IX	Y		Batch: 2421112
Benzene	ND	0.0250	1		05/23/24	05/26/24	
Ethylbenzene	ND	0.0250	1		05/23/24	05/26/24	
Toluene	ND	0.0250	1		05/23/24	05/26/24	
o-Xylene	ND	0.0250	1		05/23/24	05/26/24	
p,m-Xylene	ND	0.0500	1		05/23/24	05/26/24	
Total Xylenes	ND	0.0250	1		05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		110 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		89.4 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		106 %	70-130		05/23/24	05/26/24	
					,		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	F	Analyst: IY	<u> </u>		Batch: 2421112
Gasoline Range Organics (C6-C10)	mg/kg ND	20.0	1		05/23/24	05/26/24	Batch: 2421112
						05/26/24 05/26/24	Batch: 2421112
Gasoline Range Organics (C6-C10)		20.0	1		05/23/24		Batch: 2421112
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene		20.0 110 %	70-130		05/23/24 05/23/24	05/26/24	Batch: 2421112
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4		20.0 110 % 89.4 %	70-130 70-130 70-130		05/23/24 05/23/24 05/23/24 05/23/24	05/26/24 05/26/24	Batch: 2421112 Batch: 2421101
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	ND	20.0 110 % 89.4 % 106 %	70-130 70-130 70-130		05/23/24 05/23/24 05/23/24 05/23/24	05/26/24 05/26/24	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO	ND mg/kg	20.0 110 % 89.4 % 106 % mg/kg	70-130 70-130 70-130		05/23/24 05/23/24 05/23/24 05/23/24 V	05/26/24 05/26/24 05/26/24	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)	ND mg/kg ND	20.0 110 % 89.4 % 106 % mg/kg 25.0	70-130 70-130 70-130		05/23/24 05/23/24 05/23/24 05/23/24 V 05/23/24	05/26/24 05/26/24 05/26/24	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND mg/kg ND	20.0 110 % 89.4 % 106 % mg/kg 25.0 50.0	1 70-130 70-130 70-130 1 1 1 50-200		05/23/24 05/23/24 05/23/24 05/23/24 V 05/23/24 05/23/24 05/23/24	05/26/24 05/26/24 05/26/24 05/26/24 05/26/24	



Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/29/2024 2:00:46PM

CS-2 (1.5') E405266-02

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg mg/kg		А	Analyst: IY		Batch: 2421112
Benzene	ND	0.0250	1	05/23/24	05/26/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/26/24	
Toluene	ND	0.0250	1	05/23/24	05/26/24	
o-Xylene	ND	0.0250	1	05/23/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		89.6 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		106 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY		Batch: 2421112
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		89.6 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		106 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV		Batch: 2421101
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/24	05/26/24	
Surrogate: n-Nonane		101 %	50-200	05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2421109
Chloride	7000	200	10	05/23/24	05/23/24	



Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/29/2024 2:00:46PM

CS-3 (1.5') E405266-03

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepare	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg mg/kg		A	Analyst: IY		Batch: 2421112
Benzene	ND	0.0250	1	05/23/2	4 05/26/24	
Ethylbenzene	ND	0.0250	1	05/23/2	4 05/26/24	
Toluene	ND	0.0250	1	05/23/2	4 05/26/24	
o-Xylene	ND	0.0250	1	05/23/2	4 05/26/24	
p,m-Xylene	ND	0.0500	1	05/23/2	4 05/26/24	
Total Xylenes	ND	0.0250	1	05/23/2	4 05/26/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/23/2	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		87.6 %	70-130	05/23/2	05/26/24	
Surrogate: Toluene-d8		105 %	70-130	05/23/2	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: IY		Batch: 2421112
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/2	4 05/26/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/23/2	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		87.6 %	70-130	05/23/2	05/26/24	
Surrogate: Toluene-d8		105 %	70-130	05/23/2	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2421101
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/2	4 05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/2	4 05/26/24	
Surrogate: n-Nonane		109 %	50-200	05/23/2	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2421109
Chloride	5040	200	10	05/23/2	4 05/23/24	



Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/29/2024 2:00:46PM

CS-4 (1.5')

		E405266-04					
Reporting							
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2421112
Benzene	ND	0.0250		1	05/23/24	05/26/24	
Ethylbenzene	ND	0.0250		1	05/23/24	05/26/24	
Toluene	ND	0.0250		1	05/23/24	05/26/24	
o-Xylene	ND	0.0250		1	05/23/24	05/26/24	
p,m-Xylene	ND	0.0500		1	05/23/24	05/26/24	
Total Xylenes	ND	0.0250		1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		109 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		87.8 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		107 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2421112
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		109 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		87.8 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		107 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	NV		Batch: 2421101
Diesel Range Organics (C10-C28)	ND	25.0		1	05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/23/24	05/26/24	
Surrogate: n-Nonane		111 %	50-200		05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	Y		Batch: 2421109

40.0

2

05/23/24

05/23/24

4350

Chloride

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/29/2024 2:00:46PM

CS-5 (1.5') E405266-05

Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2421112
Benzene	ND	0.0250	1	05/23/24	05/26/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/26/24	
Toluene	ND	0.0250	1	05/23/24	05/26/24	
o-Xylene	ND	0.0250	1	05/23/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		104 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2421112
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		104 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2421101
Diesel Range Organics (C10-C28)	70.9	25.0	1	05/23/24	05/26/24	
Oil Range Organics (C28-C36)	58.2	50.0	1	05/23/24	05/26/24	
Surrogate: n-Nonane		100 %	50-200	05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: IY		Batch: 2421109
Chloride	3150	40.0	2	05/23/24	05/23/24	



QC Summary Data

Carmona Resources Project Name: Clawhammer 33-28-21 Federal Com #412H Reported:
310 West Wall St. Suite 415 Project Number: 01058-0007
Midland TX, 79701 Project Manager: Mike Carmona 5/29/2024 2:00:46PM

Midland TX, 79701		Project Manage	r: M	ike Carmona				5	5/29/2024 2:00:46PM
Volatile Organic Compounds by EPA 8260B Analyst: 1Y									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421112-BLK1)							Prepared: 0:	5/23/24 An	alyzed: 05/26/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.542		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.3	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			
LCS (2421112-BS1)							Prepared: 0	5/23/24 An	alyzed: 05/26/24
Benzene	2.26	0.0250	2.50		90.4	70-130			
Ethylbenzene	2.50	0.0250	2.50		99.9	70-130			
Toluene	2.51	0.0250	2.50		100	70-130			
o-Xylene	2.60	0.0250	2.50		104	70-130			
p,m-Xylene	5.18	0.0500	5.00		104	70-130			
Total Xylenes	7.78	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	0.559		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.534		0.500		107	70-130			
LCS Dup (2421112-BSD1)							Prepared: 0:	5/23/24 An	alyzed: 05/26/24
Benzene	2.28	0.0250	2.50		91.1	70-130	0.705	23	
Ethylbenzene	2.47	0.0250	2.50		98.7	70-130	1.21	27	
Toluene	2.44	0.0250	2.50		97.6	70-130	2.71	24	
o-Xylene	2.62	0.0250	2.50		105	70-130	0.689	27	
p,m-Xylene	5.18	0.0500	5.00		104	70-130	0.106	27	
Total Xylenes	7.80	0.0250	7.50		104	70-130	0.302	27	
Surrogate: Bromofluorobenzene	0.563		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		92.9	70-130			

0.500

70-130



Surrogate: Toluene-d8

0.523

QC Summary Data

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412HReported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona5/29/20242:00:46PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

:

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2421112-BLK1)						Prepared: 05	5/23/24 An	alyzed: 05/26/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.542		0.500	108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500	94.3	70-130			
Surrogate: Toluene-d8	0.522		0.500	104	70-130			
LCS (2421112-BS2)						Prepared: 05	5/23/24 An	alyzed: 05/26/24
Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	106	70-130			
Surrogate: Bromofluorobenzene	0.556		0.500	111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500	94.1	70-130			
Surrogate: Toluene-d8	0.532		0.500	106	70-130			
LCS Dup (2421112-BSD2)						Prepared: 05	5/23/24 An	alyzed: 05/26/24
Gasoline Range Organics (C6-C10)	54.1	20.0	50.0	108	70-130	2.09	20	
Surrogate: Bromofluorobenzene	0.560		0.500	112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.447		0.500	89.3	70-130			
Surrogate: Toluene-d8	0.538		0.500	108	70-130			



QC Summary Data

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	Reported:
310 West Wall St. Suite 415	Project Number:	01058-0007	
Midland TX, 79701	Project Manager:	Mike Carmona	5/29/2024 2:00:46PM

•	Project I	6	Mike Carmona	•				5/29/2024 2:00:46PM			
Ŋ	Nonhalogenated Organics by EPA 8015D - DRO/ORO										
Analyte Res	sult Lii	orting Spike mit Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	t			
mg	kg mg	/kg mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2421101-BLK1)						Prepared: 0	5/23/24	Analyzed: 05/26/24			
Diesel Range Organics (C10-C28)	D 25	5.0									
Dil Range Organics (C28-C36)	D 50	0.0									
Surrogate: n-Nonane 56	.4	50.0		113	50-200						
LCS (2421101-BS1)						Prepared: 0	5/23/24	Analyzed: 05/26/24			
Diesel Range Organics (C10-C28) 27	2 25	5.0 250		109	38-132						
Surrogate: n-Nonane 57	.6	50.0		115	50-200						
LCS Dup (2421101-BSD1)						Prepared: 0	5/23/24	Analyzed: 05/26/24			
Diesel Range Organics (C10-C28)	'1 25	5.0 250		108	38-132	0.657	20				
Gurrogate: n-Nonane 57	.5	50.0		115	50-200						



Chloride

QC Summary Data

Carmona Resources 310 West Wall St. Suite 415	Project Name: Project Number:	Clawhammer 33-28-21 Federal Com #412H 01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/29/2024 2:00:46PM

Anions by EPA 300.0/9056A

			Analyst: IY						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421109-BLK1)							Prepared: 0	5/23/24 Ana	lyzed: 05/23/24
Chloride	ND	20.0							
LCS (2421109-BS1)							Prepared: 0	5/23/24 Ana	lyzed: 05/23/24
Chloride	248	20.0	250		99.3	90-110			
LCS Dup (2421109-BSD1)							Prepared: 0	5/23/24 Ana	lyzed: 05/23/24

250

20.0

100

90-110

1.15

251

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources Project Name: Clawhammer 33-28-21 Federal Com #412H
310 West Wall St. Suite 415 Project Number: 01058-0007 Reported:
Midland TX, 79701 Project Manager: Mike Carmona 05/29/24 14:00

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Received by OCD: 6/5/2024 11:34:10 AM

Chain of Custody

Work Order No: <u>F405266</u> Job No: 01058-0007

																			Page	_1 of1											
ject Manager:	Aike Carmona	1			Bill to: (if	different)		Jim R	Raley					Work Order Comments																	
mpany Name:	Carmona Res	ources			Company	y Name:		Devon Energy					Pro	Program: UST/PST PRP Brownfields RRC uperfund																	
dress:	10 W Wall St	Ste 500			Address:			5315 Buena Vista Dr					-	te of Pr	3 61 61 4 1224																
, State ZIP:	Aidland, TX 7	9701			City, State ZIP: Carlsbad NM, 88220							Reporting:Level II Level III PST/UST RRP Level IV																			
	432) 813-199	2		Email	; jim.raley	@dvn.c	om							Deliverables: EDD ☐ ADaPT ☐ Other:																	
ject Name:	Clawhammer	33-28-21 Fed	deral Com #412H	Turr	Around							ANALYSIS REQUEST							Prese	reservative Codes											
ject Number:		2199		Routine	Rush	i	Pres. Code							Non					None: NO	O DI Water: H ₂ O											
ject Location	Eddy County, New Mexico Due Date:		Due Date:													Cod	Cool: Cool	Cool MeOH: Me													
mpler's Name:		MM							+ MRO)										HCL: HC	HNO3: HN											
#:							25		+										H ₂ S0 ₄ : H ₂	NaOH: Na											
MPLE RECEIP	T Te	mp Blank:	Yes No	Wet Ice:	Yes	No	nete	18	DRC	0.00				10		1 1			H ₃ PO ₄ : HP												
ceived Intact:	Y	es) No	Thermometer ID:				Parameters	BTEX 8021B	†	Chloride 300.0									NaHSO ₄ : NA	BIS											
oler Custody Seals	Yes	No NIA	Correction Factor:				4	TEX	(GR	llorie									Na ₂ S ₂ O ₃ : Na	SO ₃											
mple Custody Seal			Temperature Read	ing:	ч			m	15M	5						1 1		1 1	Zn Acetate+												
Total Containers: 5		Corrected Tempera	iture:						Н 80-	. н 80-	Н 804	H 804	1 80 H 80	9 н	ЭН 80	TPH 8015M (GRO + DRO	H 804	Н 80-	Н 80-	Н 80-		- 1				1				NaOH+Asco	rbic Acid: SAPC
Sample Identification Date			Soil	Water	Grab/ Comp	# of Cont		₽.										Samp	e Comments												
CS-1 (1	5')	5/13/2024	1	X		С	1	x	x	х									1												
CS-2 (1	5')	5/13/2024	2	X		С	1	X	x	X									2												
CS-3 (1	5')	5/13/2024	3	X		С	1	×	×	х									3												
CS-4 (1	5')	5/13/2024	4	×		С	1	x	×	x									4												
CS-5 (1	5')	5/13/2024	5	Х		С	1	X	x	х			1						5												
		-			-						_	-			-			-													
								-			-	+		-			_														
			ona@carmonares	ources.com a	nd Conn	er Moeh	ring / C				aresou	rces.co	n																		
1	Inul 1	Relinquished	1									0	A	eceived	by/si	ignature)			5	Date/Time											
1	trut,	1	Relinquished	Relinquished by: (Signature)	Relinquished by: (Signature)												Janke Janke														

Printed: 5/24/2024 1:24:31PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

We receive	no response concerning these items within 24 nours of	ine date of this not	ce, an the s	samples will be an	nyzeu us requesteu.		
Client:	Carmona Resources	Date Received:	05/20/24	09:30	Work Order	ID:	E405266
Phone:	(432) 813-6823	Date Logged In:	05/20/24	09:45	Logged In B	y:	Angelina Pineda
Email:	mcarmona@carmonaresources.com	Due Date:	05/24/24	17:00 (4 day TAT)			
1. Does th	Custody (COC) e sample ID match the COC?		Yes				
2. Does th	e number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	imples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were al	l samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi-		Yes	,	<u>Com</u>	ment	ts/Resolution
Sample T	urn Around Time (TAT)				NI C .	1 T	" G 11 4
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		No. of containers an		•
Sample C	<u>looler</u>				documented on CO	C by	y client
	ample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling risible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4	<u> </u>				
Sample C	ueous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers'	7	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	** *	ners concerca.	103				
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		Yes				
	reservation the COC or field labels indicate the samples were process.	racamiad?	No				
		reserveu?	No NA				
	mple(s) correctly preserved? filteration required and/or requested for dissolved n	actale?	No				
		icuis.	NO				
	se Sample Matrix	9	N				
	the sample have more than one phase, i.e., multipha		No				
27. II yes,	does the COC specify which phase(s) is to be analy	yzea?	NA				
	act Laboratory						
	mples required to get sent to a subcontract laborato	•	No				
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab	: NA		
Client In	struction						

Date

Report to:
Mike Carmona



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: Clawhammer 33-28-21 Federal

Com #412H

Work Order: E405267

Job Number: 01058-0007

Received: 5/20/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/30/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/30/24

Mike Carmona 310 West Wall St. Suite 415 Midland, TX 79701

Project Name: Clawhammer 33-28-21 Federal Com #412H

Workorder: E405267

Date Received: 5/20/2024 9:30:00AM

Mike Carmona,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/20/2024 9:30:00AM, under the Project Name: Clawhammer 33-28-21 Federal Com #412H.

The analytical test results summarized in this report with the Project Name: Clawhammer 33-28-21 Federal Com #412H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Sample Summary

Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	Donoutoda
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	05/30/24 13:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-6 (1.5')	E405267-01A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
CS-7 (1.5')	E405267-02A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
CS-8 (1.5')	E405267-03A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
CS-9 (1.5')	E405267-04A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
CS-10 (1.5')	E405267-05A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
CS-11 (1.5')	E405267-06A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
CS-12 (1.5')	E405267-07A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
CS-13 (1.5')	E405267-08A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
CS-14 (1.5')	E405267-09A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
CS-15 (1.5')	E405267-10A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
CS-16 (1.5')	E405267-11A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
CS-17 (1.5')	E405267-12A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
CS-18 (1.5')	E405267-13A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
CS-19 (1.5')	E405267-14A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
CS-20 (1.5')	E405267-15A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
CS-21 (0.5')	E405267-16A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
CS-22 (0.5')	E405267-17A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
SW-1 (1.5')	E405267-18A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
SW-2 (1.5')	E405267-19A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
SW-3 (1.5')	E405267-20A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
SW-4 (1.5')	E405267-21A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
SW-5 (1.5')	E405267-22A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
SW-6 (1.0')	E405267-23A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
SW-7 (1.0')	E405267-24A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
SW-8 (1.0')	E405267-25A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
SW-9 (1.0')	E405267-26A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
SW-10 (1.0')	E405267-27A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
SW-11 (1.0')	E405267-28A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
SW-12 (1.0')	E405267-29A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.
SW-13 (1.0')	E405267-30A	Soil	05/15/24	05/20/24	Glass Jar, 4 oz.



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/30/2024 1:21:30PM

CS-6 (1.5') E405267-01

		E403207-01					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilu	HOII	rrepareu	Anaryzed	INOTES
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: 1	RKS		Batch: 2421114
Benzene	ND	0.0250	1		05/23/24	05/26/24	
Ethylbenzene	ND	0.0250	1		05/23/24	05/26/24	
Toluene	ND	0.0250	1		05/23/24	05/26/24	
o-Xylene	ND	0.0250	1		05/23/24	05/26/24	
p,m-Xylene	ND	0.0500	1		05/23/24	05/26/24	
Total Xylenes	ND	0.0250	1		05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		102 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		100 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst:	RKS		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		102 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		100 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: 1	NV		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0	1		05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/23/24	05/26/24	
Surrogate: n-Nonane		114 %	50-200		05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2421099
Chloride	594	20.0	1		05/23/24	05/23/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/30/2024 1:21:30PM

CS-7 (1.5') E405267-02

		E403207-02				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
,	mg/kg	mg/kg		Analyst: RKS		Batch: 2421114
Volatile Organic Compounds by EPA 8260B			1	05/23/24	05/26/24	Batch: 2421114
Benzene	ND	0.0250	1			
Ethylbenzene	ND	0.0250	1	05/23/24	05/26/24	
Toluene	ND	0.0250	1	05/23/24	05/26/24	
o-Xylene	ND	0.0250	1	05/23/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/24	05/26/24	
Surrogate: n-Nonane		117 %	50-200	05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2421099
Chloride	335	20.0	1	05/23/24	05/23/24	

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

CS-8 (1.5') E405267-03

		E100207 00					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•		Batch: 2421114
Benzene	ND	0.0250		1	05/23/24	05/26/24	
Ethylbenzene	ND	0.0250		1	05/23/24	05/26/24	
Toluene	ND	0.0250		1	05/23/24	05/26/24	
o-Xylene	ND	0.0250		1	05/23/24	05/26/24	
p,m-Xylene	ND	0.0500		1	05/23/24	05/26/24	
Total Xylenes	ND	0.0250		1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2421102
Diesel Range Organics (C10-C28)	28.6	25.0		1	05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/23/24	05/26/24	
Surrogate: n-Nonane		109 %	50-200		05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2421099
Chloride	2400	20.0		1	05/23/24	05/23/24	

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

CS-9 (1.5') E405267-04

		E403207-04					
Andre	D14	Reporting		4 :	D 1	Aalassa 1	Natar
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: Rl	KS		Batch: 2421114
Benzene	ND	0.0250	1		05/23/24	05/26/24	
Ethylbenzene	ND	0.0250	1		05/23/24	05/26/24	
Toluene	ND	0.0250	1		05/23/24	05/26/24	
o-Xylene	ND	0.0250	1		05/23/24	05/26/24	
p,m-Xylene	ND	0.0500	1		05/23/24	05/26/24	
Total Xylenes	ND	0.0250	1		05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		101 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: Rl	KS		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		101 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: N	V		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0	1		05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/23/24	05/26/24	
Surrogate: n-Nonane		143 %	50-200		05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: IY	7		Batch: 2421099
Chloride	6690	200	10	0	05/23/24	05/23/24	



Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

CS-10 (1.5') E405267-05

Analyte	Result	Reporting Limit	Dilut	ion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS	<u> </u>	Batch: 2421114
Benzene	ND	0.0250	1	05/23/2	24 05/26/24	Batteri 2 (2111)
Ethylbenzene	ND	0.0250	1	05/23/2		
Toluene	ND	0.0250	1	05/23/2	24 05/26/24	
o-Xylene	ND	0.0250	1	05/23/2	24 05/26/24	
p,m-Xylene	ND	0.0500	1	05/23/2	24 05/26/24	
Total Xylenes	ND	0.0250	1	05/23/2	24 05/26/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/23/2	24 05/26/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	05/23/2	24 05/26/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/2	24 05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/2	24 05/26/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/23/2	24 05/26/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	05/23/2	24 05/26/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/2	24 05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/2	24 05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/2	24 05/26/24	
Surrogate: n-Nonane		122 %	50-200	05/23/2	24 05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2421099
Chloride	7680	200	10	05/23/2	24 05/23/24	

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

CS-11 (1.5') E405267-06

	E405207-00					
Result			tion	Prepared	Analyzed	Notes
Result	Emit	Dilui	tion	Trepared	Maryzea	rvotes
mg/kg	mg/kg	A	Analyst: Rk	KS		Batch: 2421114
ND	0.0250	1		05/23/24	05/26/24	
ND	0.0250	1		05/23/24	05/26/24	
ND	0.0250	1		05/23/24	05/26/24	
ND	0.0250	1		05/23/24	05/26/24	
ND	0.0500	1		05/23/24	05/26/24	
ND	0.0250	1		05/23/24	05/26/24	
	104 %	70-130		05/23/24	05/26/24	
	98.2 %	70-130		05/23/24	05/26/24	
	102 %	70-130		05/23/24	05/26/24	
mg/kg	mg/kg	A	Analyst: Rk	KS		Batch: 2421114
ND	20.0	1		05/23/24	05/26/24	
	104 %	70-130		05/23/24	05/26/24	
	98.2 %	70-130		05/23/24	05/26/24	
	102 %	70-130		05/23/24	05/26/24	
mg/kg	mg/kg	A	Analyst: NV	V		Batch: 2421102
ND	25.0	1		05/23/24	05/26/24	
ND	50.0	1		05/23/24	05/26/24	
	113 %	50-200		05/23/24	05/26/24	
mg/kg	mg/kg	A	Analyst: IY	-		Batch: 2421099
	ND ND ND ND ND ND ND ND ND Mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ID 0.0250 ID 0.0250 ID 98.2 % ID 102 % mg/kg mg/kg ND 20.0 ID 4% 98.2 % 102 % mg/kg mg/kg ND 25.0 ND 50.0	Reporting Result Limit Dilu mg/kg mg/kg ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0500 1 ND 0.0250 1 104 % 70-130 70-130 98.2 % 70-130 70-130 mg/kg mg/kg 70-130 102 % 70-130 102 % mg/kg mg/kg 102 % ND 25.0 1 ND 50.0 1	Reporting Result Limit Dilution mg/kg Mg/kg Analyst: RI ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 ND 70-130 102 % 98.2 % 70-130 70-130 mg/kg mg/kg Analyst: RI ND 20.0 1 104 % 70-130 70-130 102 % 70-130 70-130 mg/kg mg/kg Analyst: N° ND 25.0 1 ND 50.0 1	Reporting Result Limit Dilution Prepared mg/kg Analyst: RKS ND 0.0250 1 05/23/24 ND 0.0250 1 05/23/24 ND 0.0250 1 05/23/24 ND 0.0250 1 05/23/24 ND 0.0500 1 05/23/24 ND 0.0250 1 05/23/24 ND 0.0250 1 05/23/24 98.2 % 70-130 05/23/24 102 % 70-130 05/23/24 102 % 70-130 05/23/24 98.2 % 70-130 05/23/24 102 % 70-130 05/23/24 102 % 70-130 05/23/24 102 % 70-130 05/23/24 102 % 70-130 05/23/24 102 % 70-130 05/23/24 ND 25.0 1 05/23/24 ND 25.0 1 05/23/24 <td>Reporting Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 05/23/24 05/26/24 ND 0.0250 1 05/23/24 05/26/24 ND 0.0250 1 05/23/24 05/26/24 ND 0.0500 1 05/23/24 05/26/24 ND 0.0250 1 05/23/24 05/26/24 98.2 % 70-130 05/23/24 05/26/24 102 % 70-130 05/23/24 05/26/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 05/23/24 05/26/24 102 % 70-130 05/23/24 05/26/24 102 % 70-130 05/23/24</td>	Reporting Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 05/23/24 05/26/24 ND 0.0250 1 05/23/24 05/26/24 ND 0.0250 1 05/23/24 05/26/24 ND 0.0500 1 05/23/24 05/26/24 ND 0.0250 1 05/23/24 05/26/24 98.2 % 70-130 05/23/24 05/26/24 102 % 70-130 05/23/24 05/26/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 05/23/24 05/26/24 102 % 70-130 05/23/24 05/26/24 102 % 70-130 05/23/24

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

CS-12 (1.5') E405267-07

		E403207-07				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
Allalyte				1	Anaryzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2421114
Benzene	ND	0.0250	1	05/23/24	05/26/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/26/24	
Toluene	ND	0.0250	1	05/23/24	05/26/24	
o-Xylene	ND	0.0250	1	05/23/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		100 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		100 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/24	05/26/24	
Surrogate: n-Nonane		109 %	50-200	05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2421099
Chloride	707	20.0	1	05/23/24	05/24/24	

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

CS-13 (1.5') E405267-08

		2.00207 00				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
				Analyst: RKS	Tinaryzea	Batch: 2421114
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		05/23/24	05/26/24	Batch: 2421114
Benzene	ND	0.0250	1			
Ethylbenzene	ND	0.0250	1	05/23/24	05/26/24	
Toluene	ND	0.0250	1	05/23/24	05/26/24	
o-Xylene	ND	0.0250	1	05/23/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/24	05/26/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/24	05/26/24	
Surrogate: n-Nonane		113 %	50-200	05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2421099
Chloride	477	20.0	1	05/23/24	05/24/24	



Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

CS-14 (1.5') E405267-09

		2.00207 07				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
				1	Amaryzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2421114
Benzene	ND	0.0250	1	05/23/24	05/26/24	
Ethylbenzene	ND	0.0250	1	05/23/24	05/26/24	
Toluene	ND	0.0250	1	05/23/24	05/26/24	
o-Xylene	ND	0.0250	1	05/23/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/24	05/26/24	
Surrogate: n-Nonane		107 %	50-200	05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2421099
Chloride	574	20.0	1	05/23/24	05/24/24	

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

CS-15 (1.5') E405267-10

		2.00207 10				
Analyte	Result	Reporting Limit	Dilu	tion Prepared	Analyzed	Notes
				Analyst: RKS	Tinaryzea	Batch: 2421114
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	05/23/24	05/26/24	Batch: 2421114
Benzene	ND	0.0250	1			
Ethylbenzene	ND	0.0250	1	05/23/24	05/26/24	
Toluene	ND	0.0250	1	05/23/24	05/26/24	
o-Xylene	ND	0.0250	1	05/23/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/24	05/26/24	
Surrogate: n-Nonane		110 %	50-200	05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY		Batch: 2421099
Chloride	288	20.0	1	05/23/24	05/24/24	

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

CS-16 (1.5') E405267-11

		E-103207-11					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilu	ition	Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RK	XS .		Batch: 2421114
Benzene	ND	0.0250	1	l	05/23/24	05/26/24	
Ethylbenzene	ND	0.0250	1	l	05/23/24	05/26/24	
Toluene	ND	0.0250	1	[05/23/24	05/26/24	
o-Xylene	ND	0.0250	1	[05/23/24	05/26/24	
p,m-Xylene	ND	0.0500	1	[05/23/24	05/26/24	
Total Xylenes	ND	0.0250	1	l	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		100 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RK	XS.		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		100 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV	7		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/23/24	05/26/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/23/24	05/26/24	
Surrogate: n-Nonane		114 %	50-200		05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY			Batch: 2421099
Chloride	454	20.0	1	1	05/23/24	05/24/24	

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

CS-17 (1.5') E405267-12

	2100207 12				
Result	Reporting Limit		on Prepared	Analyzed	Notes
			1	1 mary 2ea	Batch: 2421114
				05/26/24	Batch: 2421114
		•			
		•			
		•			
		1			
		1			
ND		1			
	102 %	70-130	05/23/24	05/26/24	
	99.9 %	70-130	05/23/24	05/26/24	
	101 %	70-130	05/23/24	05/26/24	
mg/kg	mg/kg	Ar	nalyst: RKS		Batch: 2421114
ND	20.0	1	05/23/24	05/26/24	
	102 %	70-130	05/23/24	05/26/24	
	99.9 %	70-130	05/23/24	05/26/24	
	101 %	70-130	05/23/24	05/26/24	
mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2421102
ND	25.0	1	05/23/24	05/26/24	-
ND	50.0	1	05/23/24	05/26/24	
	118 %	50-200	05/23/24	05/26/24	
ma/ka	ma/ka	Ar	nalyst: IY		Batch: 2421099
mg/kg	IIIg/ Kg				Battern 2 (210))
	ND mg/kg ND ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 IO2 % 99.9 % 101 % mg/kg ND 20.0 IO2 % 99.9 % 101 % 101 % mg/kg mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ar ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 102 % 70-130 99.9 % 70-130 101 % 70-130 mg/kg mg/kg Ar ND 20.0 1 102 % 70-130 1 99.9 % 70-130 1 mg/kg mg/kg Ar ND 25.0 1 ND 50.0 1 118 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 05/23/24 ND 0.0250 1 05/23/24 ND 0.0250 1 05/23/24 ND 0.0250 1 05/23/24 ND 0.0500 1 05/23/24 ND 0.0250 1 05/23/24 ND 0.0250 1 05/23/24 99.9 % 70-130 05/23/24 99.9 % 70-130 05/23/24 101 % 70-130 05/23/24 MD 20.0 1 05/23/24 102 % 70-130 05/23/24 101 % 70-130 05/23/24 101 % 70-130 05/23/24 101 % 70-130 05/23/24 101 % 70-130 05/23/24 101 % 70-130 05/23/24 ND 25.0 1 05/23/24 ND	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 05/23/24 05/26/24 ND 0.0500 1 05/23/24 05/26/24 ND 0.0250 1 05/23/24 05/26/24 ND 0.0250 1 05/23/24 05/26/24 ND 0.0250 1 05/23/24 05/26/24 99.9 % 70-130 05/23/24 05/26/24 99.9 % 70-130 05/23/24 05/26/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 05/23/24 05/26/24 101 % 70-130 05/23/24 05/26/24 mg/kg mg/kg Analyst: NV ND 25.0

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

CS-18 (1.5') E405267-13

		2.00207 10				
Analyte	Result	Reporting Limit	Dilu	tion Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst: RKS	1 mary zea	Batch: 2421114
Volatile Organic Compounds by EPA 8260B			1	05/23/24	05/26/24	Batch: 2421114
Benzene	ND	0.0250	1			
Ethylbenzene	ND	0.0250	1	05/23/24	05/26/24	
Toluene	ND	0.0250	1	05/23/24	05/26/24	
o-Xylene	ND	0.0250	1	05/23/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/24	05/26/24	-
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/24	05/26/24	
Surrogate: n-Nonane		112 %	50-200	05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY		Batch: 2421099
Chloride	409	20.0	1	05/23/24	05/24/24	

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

CS-19 (1.5')

		E405267-14					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS	Batch: 2421114	
Benzene	ND	0.0250		1	05/23/24	05/26/24	
Ethylbenzene	ND	0.0250		1	05/23/24	05/26/24	
Toluene	ND	0.0250		1	05/23/24	05/26/24	
o-Xylene	ND	0.0250		1	05/23/24	05/26/24	
p,m-Xylene	ND	0.0500		1	05/23/24	05/26/24	
Total Xylenes	ND	0.0250		1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0	_	1	05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/23/24	05/26/24	
Surrogate: n-Nonane		109 %	50-200		05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2421099
Chloride	291	20.0		1	05/23/24	05/24/24	

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

CS-20 (1.5') E405267-15

		E403207-13					
Analyte	Result	Reporting Limit	Dilut	tion	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilui	поп	rrepared	Analyzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2421114	
Benzene	ND	0.0250	1		05/23/24	05/26/24	
Ethylbenzene	ND	0.0250	1		05/23/24	05/26/24	
Toluene	ND	0.0250	1		05/23/24	05/26/24	
o-Xylene	ND	0.0250	1		05/23/24	05/26/24	
p,m-Xylene	ND	0.0500	1		05/23/24	05/26/24	
Total Xylenes	ND	0.0250	1		05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RK	S		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		103 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV	7		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0	1		05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/23/24	05/26/24	
Surrogate: n-Nonane		112 %	50-200		05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY			Batch: 2421099
Chloride	3510	40.0	2	!	05/23/24	05/24/24	

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

CS-21 (0.5') E405267-16

		2.00207 10				
Analyte	Result	Reporting Limit	Dilu	tion Prepared	Analyzed	Notes
				Analyst: RKS	Tinaryzea	Batch: 2421114
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	05/23/24	05/26/24	Batch: 2421114
Benzene	ND	0.0250	1			
Ethylbenzene	ND	0.0250	1	05/23/24	05/26/24	
Toluene	ND	0.0250	1	05/23/24	05/26/24	
o-Xylene	ND	0.0250	1	05/23/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/24	05/26/24	
Surrogate: n-Nonane		104 %	50-200	05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY		Batch: 2421099
Chloride	52.5	20.0	1	05/23/24	05/24/24	



Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

CS-22 (0.5')

		E405267-17					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421114
Benzene	ND	0.0250		1	05/23/24	05/26/24	
Ethylbenzene	ND	0.0250		1	05/23/24	05/26/24	
Toluene	ND	0.0250		1	05/23/24	05/26/24	
o-Xylene	ND	0.0250		1	05/23/24	05/26/24	
p,m-Xylene	ND	0.0500		1	05/23/24	05/26/24	
Total Xylenes	ND	0.0250		1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		102 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		101 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		102 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		101 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0		1	05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/23/24	05/26/24	
Surrogate: n-Nonane		105 %	50-200		05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	IY		Batch: 2421099
Chloride	113	20.0		1	05/23/24	05/24/24	

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

SW-1 (1.5')

		E405267-18					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2421114
Benzene	ND	0.0250		1	05/23/24	05/26/24	
Ethylbenzene	ND	0.0250		1	05/23/24	05/26/24	
Toluene	ND	0.0250		1	05/23/24	05/26/24	
o-Xylene	ND	0.0250		1	05/23/24	05/26/24	
p,m-Xylene	ND	0.0500		1	05/23/24	05/26/24	
Total Xylenes	ND	0.0250		1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		101 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/23/24	05/26/24	
Surrogate: Toluene-d8		101 %	70-130		05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0	_	1	05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/23/24	05/26/24	
Surrogate: n-Nonane		115 %	50-200		05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2421099
Chloride	582	20.0		1	05/23/24	05/24/24	

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

SW-2 (1.5') E405267-19

		E100207 17				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst: RKS	1 11111/200	Batch: 2421114
Volatile Organic Compounds by EPA 8260B			1	05/23/24	05/26/24	Batch. 2421114
Benzene	ND	0.0250	1	05/23/24	05/26/24	
Ethylbenzene	ND	0.0250	1			
Toluene	ND	0.0250	1	05/23/24	05/26/24	
o-Xylene	ND	0.0250	1	05/23/24	05/26/24	
p,m-Xylene	ND	0.0500	1	05/23/24	05/26/24	
Total Xylenes	ND	0.0250	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	05/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/23/24	05/26/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	05/23/24	05/26/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	05/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/24	05/26/24	
Surrogate: n-Nonane		113 %	50-200	05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2421099
Chloride	53.9	20.0	1	05/23/24	05/24/24	

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

SW-3 (1.5') E405267-20

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2421114
Benzene	ND	0.0250	1		05/23/24	05/27/24	
Ethylbenzene	ND	0.0250	1		05/23/24	05/27/24	
Toluene	ND	0.0250	1		05/23/24	05/27/24	
o-Xylene	ND	0.0250	1		05/23/24	05/27/24	
p,m-Xylene	ND	0.0500	1		05/23/24	05/27/24	
Total Xylenes	ND	0.0250	1	ļ	05/23/24	05/27/24	
Surrogate: Bromofluorobenzene		110 %	70-130		05/23/24	05/27/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130		05/23/24	05/27/24	
Surrogate: Toluene-d8		107 %	70-130		05/23/24	05/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	RKS		Batch: 2421114
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	05/23/24	05/27/24	
Surrogate: Bromofluorobenzene		110 %	70-130		05/23/24	05/27/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130		05/23/24	05/27/24	
Surrogate: Toluene-d8		107 %	70-130		05/23/24	05/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	NV		Batch: 2421102
Diesel Range Organics (C10-C28)	ND	25.0	1		05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/23/24	05/26/24	
Surrogate: n-Nonane		114 %	50-200		05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	ΙΥ		Batch: 2421099
Chloride	144	20.0	1		05/23/24	05/24/24	



Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

SW-4 (1.5')

		E405267-21					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2421119
Benzene	ND	0.0250		1	05/23/24	05/24/24	
Ethylbenzene	ND	0.0250		1	05/23/24	05/24/24	
Toluene	ND	0.0250		1	05/23/24	05/24/24	
o-Xylene	ND	0.0250		1	05/23/24	05/24/24	
p,m-Xylene	ND	0.0500		1	05/23/24	05/24/24	
Total Xylenes	ND	0.0250		1	05/23/24	05/24/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/23/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		05/23/24	05/24/24	
Surrogate: Toluene-d8		102 %	70-130		05/23/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2421119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/23/24	05/24/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/23/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		05/23/24	05/24/24	
Surrogate: Toluene-d8		102 %	70-130		05/23/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	KM		Batch: 2421105
Diesel Range Organics (C10-C28)	ND	25.0	_	1	05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/23/24	05/26/24	
Surrogate: n-Nonane		112 %	50-200		05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	IY		Batch: 2421109
Chloride	293	100		5	05/23/24	05/24/24	



Carmona Resources	Project Name:	Clawhammer 33-28-21 Federal Com #412H	
310 West Wall St. Suite 415	Project Number:	01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/30/2024 1:21:30PM

SW-5 (1.5') E405267-22

	E-103207-22				
D agult			ion Dronon- 1	A malvora J	Notes
Resuit	Limit	Diluti	ion Prepared	Analyzed	Notes
mg/kg	mg/kg	A	Analyst: RKS		Batch: 2421119
ND	0.0250	1	05/23/24	05/24/24	
ND	0.0250	1	05/23/24	05/24/24	
ND	0.0250	1	05/23/24	05/24/24	
ND	0.0250	1	05/23/24	05/24/24	
ND	0.0500	1	05/23/24	05/24/24	
ND	0.0250	1	05/23/24	05/24/24	
	107 %	70-130	05/23/24	05/24/24	
	98.0 %	70-130	05/23/24	05/24/24	
	104 %	70-130	05/23/24	05/24/24	
mg/kg	mg/kg	A	Analyst: RKS		Batch: 2421119
ND	20.0	1	05/23/24	05/24/24	
	107 %	70-130	05/23/24	05/24/24	
	98.0 %	70-130	05/23/24	05/24/24	
	104 %	70-130	05/23/24	05/24/24	
mg/kg	mg/kg	A	Analyst: KM		Batch: 2421105
ND	25.0	1	05/23/24	05/26/24	_
ND	50.0	1	05/23/24	05/26/24	
	108 %	50-200	05/23/24	05/26/24	
mg/kg	mg/kg	A	Analyst: IY		Batch: 2421109
•			05/23/24		
	ND ND ND ND ND ND ND ND ND ND ND ND ND N	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 IO7 % 98.0 % 104 % mg/kg ND 20.0 IO7 % 98.0 % 104 % mg/kg MD 25.0 ND 50.0 108 %	Reporting Result Limit Dilut mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 107 % 70-130 70-130 98.0 % 70-130 1 107 % 70-130 1 98.0 % 70-130 1 104 % 70-130 1 mg/kg mg/kg A ND 25.0 1 ND 50.0 1 108 % 50-200	Reporting Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 05/23/24 ND 0.0250 1 05/23/24 ND 0.0250 1 05/23/24 ND 0.0250 1 05/23/24 ND 0.0500 1 05/23/24 ND 0.0250 1 05/23/24 ND 0.0250 1 05/23/24 98.0 % 70-130 05/23/24 104 % 70-130 05/23/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 05/23/24 104 % 70-130 05/23/24 98.0 % 70-130 05/23/24 104 % 70-130 05/23/24 mg/kg mg/kg Analyst: KM ND 25.0 1 05/23/24 ND 50.0 1 05/23/24 ND 50.0 1 0	Reporting Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 05/23/24 05/24/24 ND 0.0500 1 05/23/24 05/24/24 ND 0.0250 1 05/23/24 05/24/24 ND 0.0250 1 05/23/24 05/24/24 98.0 % 70-130 05/23/24 05/24/24 98.0 % 70-130 05/23/24 05/24/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 05/23/24 05/24/24 98.0 % 70-130 05/23/24 05/24/24 98.0 % 70-130 05/23/24 05/24/24 104 % 70-130 05/23/24 05/24/2



Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

SW-6 (1.0') E405267-23

		E403207-23					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Anaiyu	Result	Liiiit	Dilu	11011	1 repared	Analyzeu	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2421119
Benzene	ND	0.0250	1		05/23/24	05/24/24	
Ethylbenzene	ND	0.0250	1		05/23/24	05/24/24	
Toluene	ND	0.0250	1		05/23/24	05/24/24	
o-Xylene	ND	0.0250	1		05/23/24	05/24/24	
p,m-Xylene	ND	0.0500	1		05/23/24	05/24/24	
Total Xylenes	ND	0.0250	1		05/23/24	05/24/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/23/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		05/23/24	05/24/24	
Surrogate: Toluene-d8		102 %	70-130		05/23/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: I	RKS		Batch: 2421119
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	05/23/24	05/24/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/23/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		05/23/24	05/24/24	
Surrogate: Toluene-d8		102 %	70-130		05/23/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: I	ζM		Batch: 2421105
Diesel Range Organics (C10-C28)	ND	25.0	1		05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/23/24	05/26/24	
Surrogate: n-Nonane		107 %	50-200		05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: I	Y		Batch: 2421109
Chloride	344	20.0	1		05/23/24	05/24/24	



Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

SW-7 (1.0') E405267-24

		E403207-24				
Aughto	Result	Reporting Limit	Dilu	tion Down	Analyse J	Notes
Analyte	Result	Limit	Dilu	tion Prepar	red Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2421119
Benzene	ND	0.0250	1	05/23/	/24 05/24/24	
Ethylbenzene	ND	0.0250	1	05/23/	/24 05/24/24	
Toluene	ND	0.0250	1	05/23/	/24 05/24/24	
o-Xylene	ND	0.0250	1	05/23/	/24 05/24/24	
p,m-Xylene	ND	0.0500	1	05/23/	/24 05/24/24	
Total Xylenes	ND	0.0250	1	05/23/	/24 05/24/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/23/	/24 05/24/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	05/23/	/24 05/24/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/	/24 05/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2421119
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/	/24 05/24/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/23/	/24 05/24/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	05/23/	/24 05/24/24	
Surrogate: Toluene-d8		102 %	70-130	05/23/	/24 05/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KM		Batch: 2421105
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/	/24 05/26/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/	/24 05/26/24	
Surrogate: n-Nonane		111 %	50-200	05/23/	/24 05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY		Batch: 2421109
Chloride	470	20.0	1	05/23/	/24 05/24/24	



Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

SW-8 (1.0') E405267-25

		E403207-23					
Andre	Result	Reporting Limit	Dilu	4: I	D	Alana d	Notes
Analyte	Result	Limit	Dilu	tion i	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2421119	
Benzene	ND	0.0250	1	. (05/23/24	05/24/24	
Ethylbenzene	ND	0.0250	1		05/23/24	05/24/24	
Toluene	ND	0.0250	1		05/23/24	05/24/24	
o-Xylene	ND	0.0250	1		05/23/24	05/24/24	
p,m-Xylene	ND	0.0500	1		05/23/24	05/24/24	
Total Xylenes	ND	0.0250	1	. (05/23/24	05/24/24	
Surrogate: Bromofluorobenzene		106 %	70-130	C	05/23/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	C	05/23/24	05/24/24	
Surrogate: Toluene-d8		102 %	70-130	C	05/23/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS	S		Batch: 2421119
Gasoline Range Organics (C6-C10)	ND	20.0	1	. (05/23/24	05/24/24	
Surrogate: Bromofluorobenzene		106 %	70-130	C	05/23/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	C	05/23/24	05/24/24	
Surrogate: Toluene-d8		102 %	70-130	C	05/23/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KM			Batch: 2421105
Diesel Range Organics (C10-C28)	ND	25.0	1	. (05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/23/24	05/26/24	
Surrogate: n-Nonane		118 %	50-200		05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY			Batch: 2421109
Chloride	21.4	20.0	1	. (05/23/24	05/24/24	<u> </u>

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

SW-9 (1.0') E405267-26

		E403207-20				
Analyte	Result	Reporting Limit	Dilu	tion Prepared	d Analyzed	Notes
Analyte	Result	Limit	Dilu	tion Prepared	a Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2421119
Benzene	ND	0.0250	1	05/23/24	4 05/24/24	
Ethylbenzene	ND	0.0250	1	05/23/24	4 05/24/24	
Toluene	ND	0.0250	1	05/23/24	4 05/24/24	
o-Xylene	ND	0.0250	1	05/23/24	4 05/24/24	
p,m-Xylene	ND	0.0500	1	05/23/24	4 05/24/24	
Total Xylenes	ND	0.0250	1	05/23/24	4 05/24/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/23/24	4 05/24/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	05/23/24	4 05/24/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	4 05/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2421119
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/24	4 05/24/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/23/24	4 05/24/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	05/23/24	4 05/24/24	
Surrogate: Toluene-d8		101 %	70-130	05/23/24	4 05/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KM		Batch: 2421105
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/24	4 05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/24	4 05/26/24	
Surrogate: n-Nonane		118 %	50-200	05/23/24	4 05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY	Batch: 2421109	
Chloride	ND	20.0	1	05/23/24	4 05/24/24	



Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

SW-10 (1.0')

		E405267-27					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421119
Benzene	ND	0.0250		1	05/23/24	05/24/24	
Ethylbenzene	ND	0.0250		1	05/23/24	05/24/24	
Toluene	ND	0.0250		1	05/23/24	05/24/24	
o-Xylene	ND	0.0250		1	05/23/24	05/24/24	
p,m-Xylene	ND	0.0500		1	05/23/24	05/24/24	
Total Xylenes	ND	0.0250	:	1	05/23/24	05/24/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/23/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		05/23/24	05/24/24	
Surrogate: Toluene-d8		103 %	70-130		05/23/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/23/24	05/24/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/23/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		05/23/24	05/24/24	
Surrogate: Toluene-d8		103 %	70-130		05/23/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2421105
Diesel Range Organics (C10-C28)	ND	25.0		1	05/23/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/23/24	05/26/24	
Surrogate: n-Nonane		167 %	50-200		05/23/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY			Batch: 2421109
Chloride	563	20.0		1	05/23/24	05/24/24	



Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

SW-11 (1.0') E405267-28

		E403207-20					
Andre	Dl4	Reporting Limit	Dilu	 .	D 1	A a h	Nata
Analyte	Result	Limit	Dilu	ıııon	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421119
Benzene	ND	0.0250	1	1	05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	1	05/23/24	05/25/24	
Toluene	ND	0.0250	1	1	05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	1	05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	1	05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130		05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421119
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130		05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	-	Analyst:	KM		Batch: 2421105
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/23/24	05/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/23/24	05/28/24	
Surrogate: n-Nonane		99.8 %	50-200		05/23/24	05/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2421109
Chloride	281	20.0	1	1	05/23/24	05/24/24	

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

SW-12 (1.0') E405267-29

		E403207-27					
Analyte	Result	Reporting Limit	Dilu	tion I	Prepared	Analyzed	Notes
Anaiye	Result	Limit	Dilui	uon 1	rrepared	Analyzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS	S		Batch: 2421119
Benzene	ND	0.0250	1	. (05/23/24	05/25/24	
Ethylbenzene	ND	0.0250	1	. (05/23/24	05/25/24	
Toluene	ND	0.0250	1	. (05/23/24	05/25/24	
o-Xylene	ND	0.0250	1	. (05/23/24	05/25/24	
p,m-Xylene	ND	0.0500	1	. (05/23/24	05/25/24	
Total Xylenes	ND	0.0250	1	. (05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		103 %	70-130	- (05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	(05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	(05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS	S		Batch: 2421119
Gasoline Range Organics (C6-C10)	ND	20.0	1	. (05/23/24	05/25/24	
Surrogate: Bromofluorobenzene		103 %	70-130	(05/23/24	05/25/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	(05/23/24	05/25/24	
Surrogate: Toluene-d8		101 %	70-130	(05/23/24	05/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KM	·		Batch: 2421105
Diesel Range Organics (C10-C28)	ND	25.0	1	. (05/23/24	05/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	. (05/23/24	05/27/24	
Surrogate: n-Nonane		107 %	50-200	(05/23/24	05/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY			Batch: 2421109
Chloride	478	20.0	1	(05/23/24	05/24/24	



Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412H310 West Wall St. Suite 415Project Number:01058-0007Reported:Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

SW-13 (1.0') E405267-30

eporting Limit Dilution Prepared Analyzed Notes
Limit Dilution riepared Analyzed Notes
<u> </u>
mg/kg Analyst: RKS Batch: 2421119
0.0250 1 05/23/24 05/25/24
0.0250 1 05/23/24 05/25/24
0.0250 1 05/23/24 05/25/24
0.0250 1 05/23/24 05/25/24
0.0500 1 05/23/24 05/25/24
0.0250 1 05/23/24 05/25/24
70-130 05/23/24 05/25/24
70-130 05/23/24 05/25/24
70-130 05/23/24 05/25/24
mg/kg Analyst: RKS Batch: 2421119
20.0 1 05/23/24 05/25/24
70-130 05/23/24 05/25/24
70-130 05/23/24 05/25/24
70-130 05/23/24 05/25/24
mg/kg Analyst: KM Batch: 2421105
25.0 1 05/23/24 05/27/24
50.0 1 05/23/24 05/27/24
50-200 05/23/24 05/27/24
mg/kg Analyst: IY Batch: 2421109
20.0 1 05/23/24 05/29/24
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0



Carmona Resources Project Name: Clawhammer 33-28-21 Federal Com #412H

Reported:
310 West Wall St. Suite 415 Project Number: 01058-0007

Midland TX, 79701 Project Manager: Mike Carmona 5/30/2024 1:21:30PM

Midland 1X, 79701		Project Manage	r: M	ike Carmona					3/30/2024 1:21:30FF		
	Ve	Volatile Organic Compounds by EPA 8260B							Analyst: RKS		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2421114-BLK1)						F	Prepared: 0:	5/23/24 A	nalyzed: 05/26/24		
Benzene	ND	0.0250									
Ethylbenzene	ND	0.0250									
Toluene	ND	0.0250									
o-Xylene	ND	0.0250									
p,m-Xylene	ND	0.0500									
Total Xylenes	ND	0.0250									
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130					
Surrogate: Toluene-d8	0.506		0.500		101	70-130					
LCS (2421114-BS1)						F	Prepared: 0:	5/23/24 A	nalyzed: 05/26/24		
Benzene	2.57	0.0250	2.50		103	70-130					
Ethylbenzene	2.64	0.0250	2.50		106	70-130					
Toluene	2.54	0.0250	2.50		101	70-130					
o-Xylene	2.66	0.0250	2.50		107	70-130					
p,m-Xylene	5.33	0.0500	5.00		107	70-130					
Total Xylenes	7.99	0.0250	7.50		107	70-130					
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130					
Surrogate: Toluene-d8	0.512		0.500		102	70-130					
LCS Dup (2421114-BSD1)						F	Prepared: 0:	5/23/24 A	nalyzed: 05/26/24		
Benzene	2.51	0.0250	2.50		100	70-130	2.56	23			
Ethylbenzene	2.62	0.0250	2.50		105	70-130	0.837	27			
Toluene	2.50	0.0250	2.50		100	70-130	1.31	24			
o-Xylene	2.73	0.0250	2.50		109	70-130	2.39	27			
p,m-Xylene	5.44	0.0500	5.00		109	70-130	2.15	27			
Total Xylenes	8.17	0.0250	7.50		109	70-130	2.23	27			
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130					

0.500

70-130



Surrogate: Toluene-d8

0.513

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412HReported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

Midland TX, 79701		Project Manage	r: M	ike Carmona					5/30/2024 1:21:30PM	
	V	olatile Organ	ic Compo	unds by EI	PA 82601	В		Analyst: RKS		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2421119-BLK1)							Prepared: 0:	5/23/24 An	alyzed: 05/24/24	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130				
Surrogate: Toluene-d8	0.511		0.500		102	70-130				
LCS (2421119-BS1)							Prepared: 0:	5/23/24 An	alyzed: 05/24/24	
Benzene	2.48	0.0250	2.50		99.3	70-130				
Ethylbenzene	2.68	0.0250	2.50		107	70-130				
Toluene	2.53	0.0250	2.50		101	70-130				
o-Xylene	2.74	0.0250	2.50		110	70-130				
p,m-Xylene	5.51	0.0500	5.00		110	70-130				
Total Xylenes	8.25	0.0250	7.50		110	70-130				
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.460		0.500		91.9	70-130				
Surrogate: Toluene-d8	0.520		0.500		104	70-130				
LCS Dup (2421119-BSD1)							Prepared: 0:	5/23/24 An	alyzed: 05/24/24	
Benzene	2.52	0.0250	2.50		101	70-130	1.62	23		
Ethylbenzene	2.67	0.0250	2.50		107	70-130	0.374	27		
Toluene	2.54	0.0250	2.50		102	70-130	0.296	24		
o-Xylene	2.71	0.0250	2.50		109	70-130	0.935	27		
p,m-Xylene	5.46	0.0500	5.00		109	70-130	0.884	27		
Total Xylenes	8.18	0.0250	7.50		109	70-130	0.901	27		
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130				
=										

0.500

70-130



Surrogate: Toluene-d8

0.517

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412HReported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2421114-BLK1)						Prepared: 05	/23/24 An	alyzed: 05/26/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.515		0.500	103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500	101	70-130			
Surrogate: Toluene-d8	0.506		0.500	101	70-130			
LCS (2421114-BS2)						Prepared: 05	/23/24 An	alyzed: 05/26/24
Gasoline Range Organics (C6-C10)	42.8	20.0	50.0	85.5	70-130			
Surrogate: Bromofluorobenzene	0.527		0.500	105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500	97.7	70-130			
Surrogate: Toluene-d8	0.515		0.500	103	70-130			
LCS Dup (2421114-BSD2)						Prepared: 05	/23/24 An	alyzed: 05/26/24
Gasoline Range Organics (C6-C10)	42.4	20.0	50.0	84.8	70-130	0.837	20	
Surrogate: Bromofluorobenzene	0.530		0.500	106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500	100	70-130			
Surrogate: Toluene-d8	0.523		0.500	105	70-130			



Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412HReported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

Nonhalogenated	Organics by	EPA	.8015D -	GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421119-BLK1)							Prepared: 0	5/23/24 Analy	yzed: 05/24/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			
LCS (2421119-BS2)							Prepared: 0	5/23/24 Analy	yzed: 05/24/24
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.4	70-130			

Surrogate: Bromofluorobenzene	0.527	0.500	105	70-130
Surrogate: 1,2-Dichloroethane-d4	0.482	0.500	96.4	70-130
Surrogate: Toluene-d8	0.525	0.500	105	70-130

LCS Dup (2421119-BSD2) Prepared: 05/23/24 Analyzed: 05/24/24

Gasoline Range Organics (C6-C10)	43.4	20.0	30.0	80.7	/0-130	7.39
Surrogate: Bromofluorobenzene	0.530		0.500	106	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500	94.0	70-130	
Surrogate: Toluene-d8	0.518		0.500	104	70-130	

Carmona ResourcesProject Name:Clawhammer 33-28-21 Federal Com #412HReported:310 West Wall St. Suite 415Project Number:01058-0007Midland TX, 79701Project Manager:Mike Carmona5/30/2024 1:21:30PM

Wildiana 17, 79701		1 Toject Wianage	1. IVI	ike Carmona					30/2021 1.21.301141		
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO		Analyst: NV			
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2421102-BLK1)							Prepared: 0	5/23/24 Ana	alyzed: 05/26/24		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	60.6		50.0		121	50-200					
LCS (2421102-BS1)							Prepared: 0	5/23/24 Ana	alyzed: 05/26/24		
Diesel Range Organics (C10-C28)	302	25.0	250		121	38-132					
Surrogate: n-Nonane	60.4		50.0		121	50-200					
LCS Dup (2421102-BSD1)							Prepared: 0	5/23/24 Ana	alyzed: 05/26/24		
Diesel Range Organics (C10-C28)	305	25.0	250		122	38-132	0.878	20			
Surrogate: n-Nonane	60.7		50.0		121	50-200					

Carmona Resources 310 West Wall St. Suite 415	Project Name: Project Number:	Clawhammer 33-28-21 Federal Com #412H 01058-0007	Reported:
Midland TX, 79701	Project Number: Project Manager:	Mike Carmona	5/30/2024 1:21:30PM

Midland 1X, 79/01		Project Manager	r: Mi	ike Carmona					5/30/2024 1:21:30PN		
	Nonhal	logenated Or	ganics by	EPA 8015I) - DRO	/ORO		Analyst: KM			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2421105-BLK1)							Prepared: 0	5/23/24 A	nalyzed: 05/26/24		
Diesel Range Organics (C10-C28)	ND	25.0									
Dil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	56.9		50.0		114	50-200					
LCS (2421105-BS1)							Prepared: 0	5/23/24 A	nalyzed: 05/26/24		
Diesel Range Organics (C10-C28)	276	25.0	250		110	38-132					
Surrogate: n-Nonane	58.6		50.0		117	50-200					
LCS Dup (2421105-BSD1)							Prepared: 0	5/23/24 A	nalyzed: 05/26/24		
Diesel Range Organics (C10-C28)	278	25.0	250		111	38-132	0.723	20			
Gurrogate: n-Nonane	57.6		50.0		115	50-200					

Carmona Resources 310 West Wall St. Suite 415	Project Name: Project Number:	Clawhammer 33-28-21 Federal Com #412H 01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/30/2024 1:21:30PM

	•	Anione	by FDA 2	00.0/9056	\			·	
		Allions	Dy EFA 3	00.0/9030 <i>F</i>	1				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421099-BLK1)							Prepared: 0	5/22/24	Analyzed: 05/23/24
Chloride	ND	20.0							
LCS (2421099-BS1)							Prepared: 0	5/22/24	Analyzed: 05/23/24
Chloride	272	20.0	250		109	90-110			
LCS Dup (2421099-BSD1)							Prepared: 0	5/22/24	Analyzed: 05/23/24
Chloride	252	20.0	250		101	90-110	7.47	20	



Chloride

QC Summary Data

Carmona Resources 310 West Wall St. Suite 415	Project Name: Project Number:	Clawhammer 33-28-21 Federal Com #412H 01058-0007	Reported:
Midland TX, 79701	Project Manager:	Mike Carmona	5/30/2024 1:21:30PM

	Analyst: IY								
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421109-BLK1)							Prepared: 0	5/23/24 Anal	yzed: 05/23/24
Chloride	ND	20.0							
LCS (2421109-BS1)							Prepared: 0	5/23/24 Anal	yzed: 05/23/24
Chloride	248	20.0	250		99.3	90-110			
LCS Dup (2421109-BSD1)							Prepared: 0	5/23/24 Anal	yzed: 05/23/24

250

20.0

100

90-110

1.15

251

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Carmona Resources Project Name: Clawhammer 33-28-21 Federal Com #412H
310 West Wall St. Suite 415 Project Number: 01058-0007 Reported:
Midland TX, 79701 Project Manager: Mike Carmona 05/30/24 13:21

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Received by OCD: 6/5/2024 11:34:10 AM

Chain of Custody

Work Order No: E 405267 Job No: 01058-0007

City, State ZIP: Midland, T. Phone: (432) 813- Project Name: Clawham	Resources III St Ste 500 X 79701			Bill to: (if	umerent)			alev				1 1			VVOIK	Irder C	omments
Address: 310 W Wa City, State ZIP: Midland, T Phone: (432) 813- Project Name: Clawham	III St Ste 500 X 79701			Company	Name:		Jim R	n Ener	av			7 1	Program	UST/PST			fields RRC uperfund
City, State ZIP: Midland, T. Phone: (432) 813- Project Name: Clawham	X 79701			Address:	y Ivaille.				Vista Dr			- 1	State of F				morao (Line Chiperiana (Li
Phone: (432) 813- Project Name: Clawham				City, Stat	7 7 ID:				A, 88220			٦	Reporting	Level II	Level III	□PST/	UST RRP Level IV
Project Name: Clawham	1992						Cansi	Dad INI	11, 00220			_		es: EDD		ADaPT	
			Emai	: jim.raley	(@gvn.c	OIII						_ [00. 200		1	
Destant Musekan	mer 33-28-21 Fed	leral Com #412H	Turi	Around		Dree				 ANAL	YSIS R	EQU	EST			_	Preservative Codes
Project Number:	2199		Routine	Rush	1	Pres. Code											None: NO DI Water: H ₂ O
Project Location	Eddy County, Nev	Mexico	Due Date:					_									Cool: Cool MeOH: Me
Sampler's Name:	MM							TPH 8015M (GRO + DRO + MRO)				1				1 1	HCL: HC HNO ₃ : HN
PO #:		AO		T =		5		+								1 1	H ₂ S0 ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank:	(es)No	Wet Ice:	Yes	No	Parameters	21B	DR(Chloride 300.0							1 1	H ₃ PO ₄ : HP
Received Intact:	(Yes) No	Thermometer ID:				arai	(802	9	de 3							1 1	NaHSO ₄ : NABIS
	Yes No N/A	Correction Factor:				0	BTEX 8021B	19	hlori			1				1 1	Na ₂ S ₂ O ₃ : NaSO ₃
	Yes No N/A	Temperature Read		4				15M	0							1 1	Zn Acetate+NaOH: Zn
Total Containers:	30	Corrected Tempera	ature:					98 H		1		1					NaOH+Ascorbic Acid: SAPC
Sample Identification	Date		Soil	Water	Grab/ Comp	# of Cont		4									Sample Comments
CS-6 (1.5')	5/15/2024	1	X		С	1	х	x	х								1
CS-7 (1.5')	5/15/2024	2	X		С	1	X	X	х	11							2
CS-8 (1.5')	5/15/2024	3	X		С	1	X	х	x								3
CS-9 (1.5')	5/15/2024	4	Х		С	1	х	×	х								4
CS-10 (1.5')	5/15/2024	5	X		С	1	X	X	x								5
CS-11 (1.5')	5/15/2024	6	X	(A = 1	С	1	X	X	x						B)		6
CS-12 (1.5')	5/15/2024	7	X		С	1	Х	X	x								7
CS-13 (1.5')	5/15/2024	8	Х		С	1	Х	X	x								8
CS-14 (1.5')	5/15/2024	9	X		С	1	X	X	x								9
CS-15 (1.5')	5/15/2024	10	X		C	1	×	×	X								10

Received by OCD: 6/5/2024 11:34:10 AM

Chain of Custody

Work Order No: E 405267 Job No: 01058-0007

Project Manager:	Mike Ca	armona				Bill to: (if	different)		Jim R	aley							W	ork Orde	er Comments	
Company Name:	Carmor	na Resou	rces			Company	Name:		Devo	n Ener	ЭУ				Prog	ram: US	T/PST F	RP Bro	ownfields RRC	uperfund
Address:	310 W	Wall St S	te 500			Address:			5315	Buena	Vista Dr				State	of Proje	ct:			
City, State ZIP:	Midland	d, TX 797	01			City, Stat	e ZIP:		Carls	bad NA	A, 88220				Repo	rting:Lev	el II 🗌 Lev	/el III 🏻 🗅	ST/UST TRRP	Level IV
Phone:	(432) 8	13-1992			Emai	I: jim.raley	@dvn.c	om							Deliv	erables:	EDD	AD	aPT Othe	r:
Project Name:	Clawh	ammer 3	3-28-21 Fed	ieral Com #412H	Tur	n Around							ANAL	SIS RE	QUEST				Preserv	ative Codes
Project Number:			2199		☑ Routine	Rush	1	Pres. Code											None: NO	DI Water: H ₂ O
Project Location		Eddy	County, Nev	v Mexico	Due Date:														Cool: Cool	МеОН: Ме
Sampler's Name:			MM							MRO)									HCL: HC	HNO₃: HN
PO #:								ers		+									H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECE	IPT		Blank:	Yes No	Wet Ice:	Fes	No.	Parameters	21B	8015M (GRO + DRO	Chloride 300.0								H ₃ PO ₄ : HP	.e.
Received Intact:		(es		Thermometer ID:				arai	(80%	30	ide 3					1 4			NaHSO ₄ : NAB	
Cooler Custody Sea		Yes 1		Correction Factor:		4		-	BTEX 8021B	9	hlor								Na ₂ S ₂ O ₃ : NaS	
Sample Custody Se	als:		NO WHA	Temperature Read		4				115M	0								Zn Acetate+Na NaOH+Ascort	
Total Containers:			0	Corrected Tempera	iture:	1				TPH 80									NaOH+Ascort	ole Acid: SAPC
Sample Ide	ntification	n	Date		Soil	Water	Grab/ Comp	# of Cont		=				4,1					Sample	Comments
CS-16	(1.5')		5/15/2024	1/	X		С	1	х	x	x								11	
CS-17	(1.5')		5/15/2024	12	Х		С	1	х	×	х								12	
CS-18	(1.5')		5/15/2024	13	Х		С	1	x	х	x								13	
CS-19	(1.5')		5/15/2024	14	Х		С	1	x	x	x								14	
CS-20	(1.5')	1	5/15/2024	15	X		С	1	X	х	x								15	
CS-21	(0.5')		5/15/2024	16	Х		С	1	х	×	x								160	
CS-22	(0.5')		5/15/2024	17	Х		С	1	х	×	x								17	
SW-1	(1.5')		5/15/2024	18	Х		С	1	х	х	x								18	
SW-2	(1.5')		5/15/2024	19	Х		С	1	X	x	х								17	
SW-3	(1.5')		5/15/2024	20	X		С	1	X	x	x								20	
SW-2 SW-3	(1.5') (1.5')	e Carmo	5/15/2024 5/15/2024	19	X	nd Conne	C	1	×	x	x x	resour	ces.com	n					17	
Ha	my	M	Relinquished	by: (Signature)	1 /	- 111		ELD.	Date/	Time				Re	ceivegl	y: (Sign	garb		5,	Date/Time
100			1	Jan Jo	sofe			5/1	7	140	0		W	90	9	0	/		5/	20/24 0930

Received by OCD: 6/5/2024 11:34:10 AM

Chain of Custody

Work Order No: <u>E 405267</u> Job No: 01058-0007

Address: 310 V	-			Bill to: (if	different)		Jim Raley							Work Order Comments					
	nona Resources			Compan	Name:		Devo	n Ener	gy				F	rogram	: UST/P	ST	PRP B	ownfields RRC _uperfund _	
City, State ZIP: Midla	W Wall St Ste 500			Address			5315	Buena	Vista Dr				5	State of F	roject:				
	and, TX 79701			City, Sta	e ZIP:		Carls	bad NA	A, 88220				F	Reporting	:Level II	I 🗌 Le	vel III	PST/UST RRP Level IV.	
Phone: (432)	813-1992		Emai	i jim.ralev	@dvn.c	om								Deliverab	les: ED	D D	A	DaPT Other:	
Project Name: Clav	whammer 33-28-21 Fe	deral Com #412H	Turi	Around							ANAL	YSIS	REQUI	EST				Preservative Codes	
Project Number:	2199		Routine	Rusi	1	Pres. Code												None: NO DI Water: H ₂ O	
Project Location	Eddy County, Ne	w Mexico	Due Date:															Cool: Cool MeOH: Me	
Sampler's Name:	MM							MRO)										HCL: HC HNO3: HN	
PO#:						5		+								1		H ₂ S0 ₄ : H ₂ NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	18	TPH 8015M (GRO + DRO +	0.00									H ₃ PO ₄ : HP	
Received Intact:	(Yes) No	Thermometer ID:				aran	BTEX 8021B	÷	Chloride 300,0							1		NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No N/A	Correction Factor:				ď.	TEX	(GR	loric							1		Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes No NA	Temperature Read	ing:	4			m	15M	ਠ									Zn Acetate+NaOH: Zn	
Total Containers:	30	Corrected Tempera	ature:					H 80										NaOH+Ascorbic Acid: SAPC	
Sample Identificati	tion Date		Soil	Water	Grab/ Comp	# of Cont		IAI										Sample Comments	
SW-4 (1.5')	5/15/2024	21	X		С	1	X	×	x									21	
SW-5 (1.5')	5/15/2024	22	X		С	1	×	х	х									22	
SW-6 (1.0')	5/15/2024	23	X		С	1	X	×	x									73	
SW-7 (1.0')	5/15/2024	24	X		С	1	x	x	x									24	
SW-8 (1.0')	5/15/2024	75	×		С	1	X	X	X			1						25	
SW-9 (1.0')	5/15/2024	26	X		С	1	X	X	×									20	
SW-10 (1.0')	5/15/2024	27	X		С	1	X	х	x									27	
SW-11 (1.0')	5/15/2024	28	Х		С	1	x	x	x									28	
SW-12 (1.0')	5/15/2024	79	X		С	1	х	х	x									29	
SW-13 (1.0')	5/15/2024	30	X		C	1	X	X	X									30	

Printed: 5/23/2024 12:36:56PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	05/20/24	09:30	Work Order II	D: E405267	
Phone:	(432) 813-6823	Date Logged In:	05/20/24	09:56	Logged In By	: Angelina Pineda	1
Email:	mcarmona@carmonaresources.com	Due Date:		17:00 (4 day TAT)	2055va m 2)	,	
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location mat	ch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	ourier		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	No				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in		Yes		Comm	nents/Resolution	
Sample T	i.e, 15 minute hold time, are not included in this disucssic <u>arm Around Time (TAT)</u>	on.		[
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Time Sampled was n	ot documented	on
Sample C					COC by client		
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes.	were custody/security seals intact?		NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling		Yes				
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample C	<u>Container</u>						
_	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?	•	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ers collected?	Yes				
Field Lab	pel						
20. Were		rmation:	Yes				
	rate/Time Collected?		Yes				
	ollectors name?		Yes				
Sample P	reservation_						
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
_	the sample have more than one phase, i.e., multiphas	se?	No				
	, does the COC specify which phase(s) is to be analy		NA				
			11.2				
	ract Laboratory	9	N-				
	amples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if	-	No NA	C1	. NI A		
		so who?	INA	Subcontract Lab	: NA		
Client Ir	<u>nstruction</u>						
Signat	ure of client authorizing changes to the COC or sample disp	oosition.			Date		envirotech Ir

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 351035

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	351035
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2333850967	
Incident Name	NAPP2333850967 CLAWHAMMER 33-28-21 FED COM 412H @ 30-015-49831	
Incident Type	Produced Water Release	
Incident Status	Remediation Closure Report Received	
Incident Well	[30-015-49831] CLAWHAMMER 33 28 21 FEDERAL COM #412H	

Location of Release Source		
Please answer all the questions in this group.		
Site Name Clawhammer 33-28-21 FED COM 412H		
Date Release Discovered 11/21/2023		
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	Not answered.		
Produced Water Released (bbls) Details	Cause: Equipment Failure Well Produced Water Released: 7 BBL Recovered: 5 BBL Lost: 2 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)	Not answered.		

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV**

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 351035

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	110,1411101000	
QUESTI	ONS (continued)	
Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289 Action Number: 351035 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	
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 of 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 release	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	

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: James Raley Title: EHS Professional I hereby agree and sign off to the above statement Email: jim.raley@dvn.com Date: 06/05/2024

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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 351035

QUESTIONS (continued)

	CORUM
Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	351035
	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 approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.			
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	Direct Measurement		
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 ½ and 1 (mi.)		
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)		
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)		
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)		
Any other fresh water well or spring	Greater than 5 (mi.)		
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)		
A wetland	Greater than 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	Medium		
A 100-year floodplain	Greater than 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 provide	ided to the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contam	nination 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)	14700
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	3895
GRO+DRO (EPA SW-846 Method 8015M)	3050
BTEX (EPA SW-846 Method 8021B or 8260B)	0.2
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes con which includes the anticipated timelines for beginning and completing the remediation.	mpleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	05/09/2024
On what date will (or did) the final sampling or liner inspection occur	05/02/2024
On what date will (or was) the remediation complete(d)	06/03/2024
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	520
What is the estimated surface area (in square feet) that will be remediated	2000
What is the estimated volume (in cubic yards) that will be remediated	520
These estimated dates and measurements are recognized to be the best guess or calculation	on 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 adjust	ted 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.

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

QUESTIONS, Page 4

Action 351035

QUESTIONS (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	351035
	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	Not answered.	
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	Yes	
What is the name of the NMED facility	OWL Disposal	
(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.	
Pay Cubacation P. of 10.15.20.11 NIMAC unless the site abeycatavization yearst includes completed offerth at remodicition, the report must include a prepared remodicition plan in accordance with 10.15.20.12 NIMAC		

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.

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.

I hereby agree and sign off to the above statement

Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 06/05/2024

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.

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QUESTIONS, Page 5

Action 351035

QUESTIONS (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	351035
	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

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QUESTIONS, Page 6

Action 351035

QUESTIONS ((continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	351035
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	343370
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/15/2024
What was the (estimated) number of samples that were to be gathered	33
What was the sampling surface area in square feet	5400

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	2000	
What was the total volume (cubic yards) remediated	520	
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)	Dug and Hauled contaminated material to disposal. Backfilled with clean backfill material once satisfactory analytical results were received from the lab."	

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.

I hereby agree and sign off to the above statement

I hereby agree and sign off to the above statement

Email: jim.raley@dvn.com

Date: 06/05/2024

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QUESTIONS, Page 7

Action 351035

QUESTIONS (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
0, 0 ,	Action Number:
Oklahoma City, OK 73102	351035
	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

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CONDITIONS

Action 351035

CONDITIONS

Operator:	OGRID:
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Oklahoma City, OK 73102	351035
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CONDITIONS

Created E	By Condition	Condition Date
scwells	None	6/14/2024