

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Creek AL Fed #12
Eddy County, New Mexico
nAPP2314255181
Unit E Sec 25 T18S R30E
32.721822°, -103.933023°

Crude Oil Release

Point of Release: Stained soils noticed in the area around the wellhead during P&A and reclamation activities.

Release Date: 05/01/2023

Volume Released: Unknown

Volume Recovered: Zero Barrels

CARMONA RESOURCES



Prepared for:
EOG Resources
5509 Champions Drive
Midland, TX 79706

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

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

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November 9, 2023

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

Re: Closure Report
Creek AL Fed #12
Incident ID: nAPP2314255181
EOG Resources Inc.
Site Location: Unit E, S25, T18S, R30E
(Lat 32.721822°, Long -103.933023°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of EOG Resources Inc. (EOG), Carmona Resources, LLC has prepared this letter to document the Creek AL Fed #12 site activities. The site is located at 32.721822°, -103.933023° within Unit E Sec 25 T18S 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 May 1, 2023. The cause of the release is unknown; stained soil was found during reclamation activities around the wellhead. The amount of crude oil released is unknown, with zero (0) barrels of crude oil recovered. The impacted area occurred on the pad shown in Figure 3. 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, no known water source are within a 0.50-mile radius of the location. The nearest identified well is approximately 0.53 miles Southwest of the site in S26, T18S, R30E and was drilled in 1994. The well has a reported depth to groundwater of 183.99' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12, 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: 100 mg/kg (GRO + DRO + MRO).

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- Chloride: 600 mg/kg.

4.0 Site Assessment Activities

On May 1, 2023, EOG personnel collected (2) sample points (SP-A and SP-B) at a depth of 6 inches bgs. 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 Cardinal Labs in Hobbs, 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 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. The sample locations are shown in Figure 3. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel were on site to collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via email on May 22, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of sixteen (16) confirmation floor samples (CS-1 through CS-16) and nine (9) sidewall samples (SW-1 through SW-9) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis 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. The excavation depths and confirmation sample locations are shown in Figure 4.

All confirmation samples collected were below the reclamation and regulatory criteria. See Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material. Approximately 507 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. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Mike Carmona
Environmental Manager

Clinton Merritt
Sr. Project Manager

FIGURES

CARMONA RESOURCES



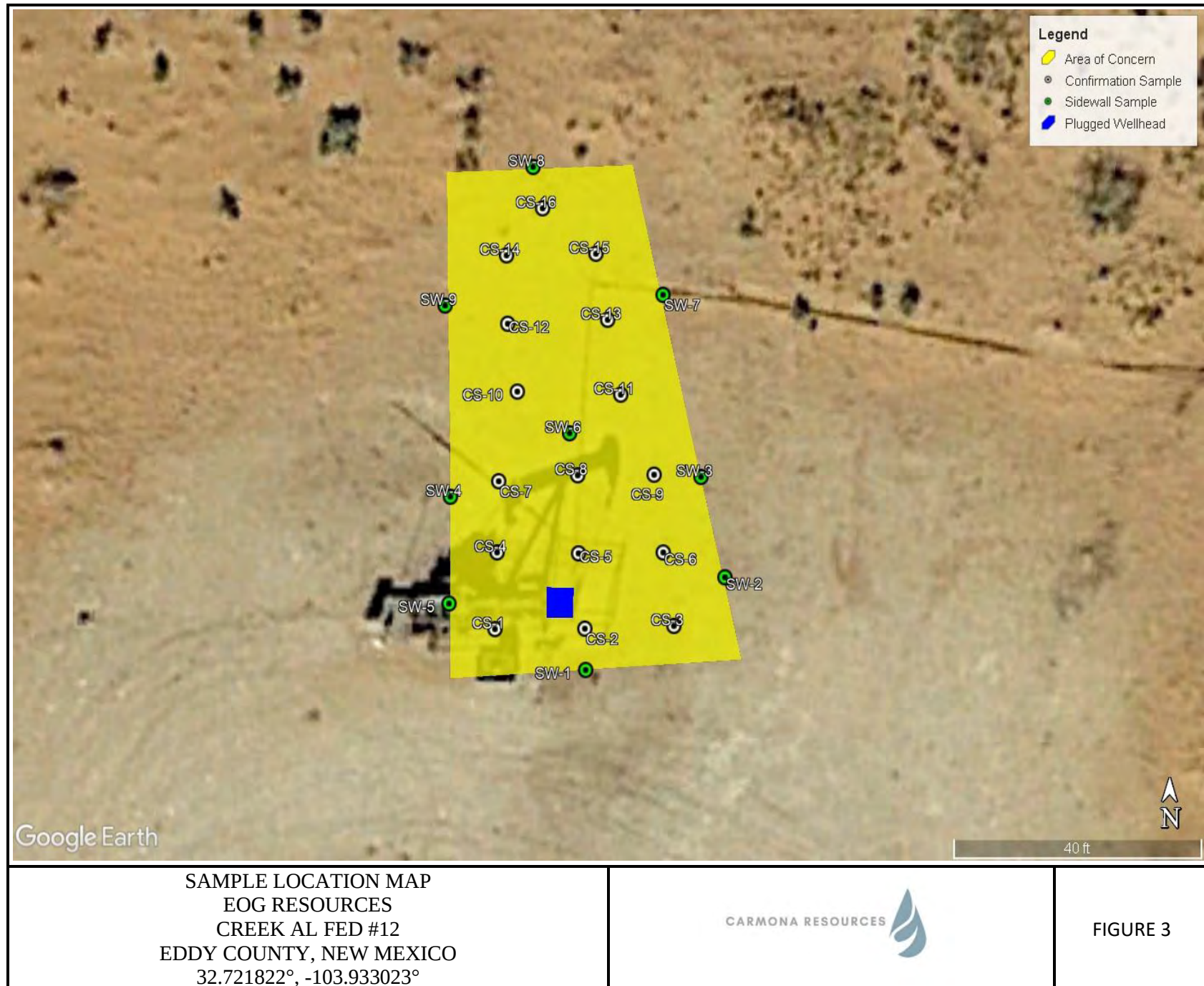


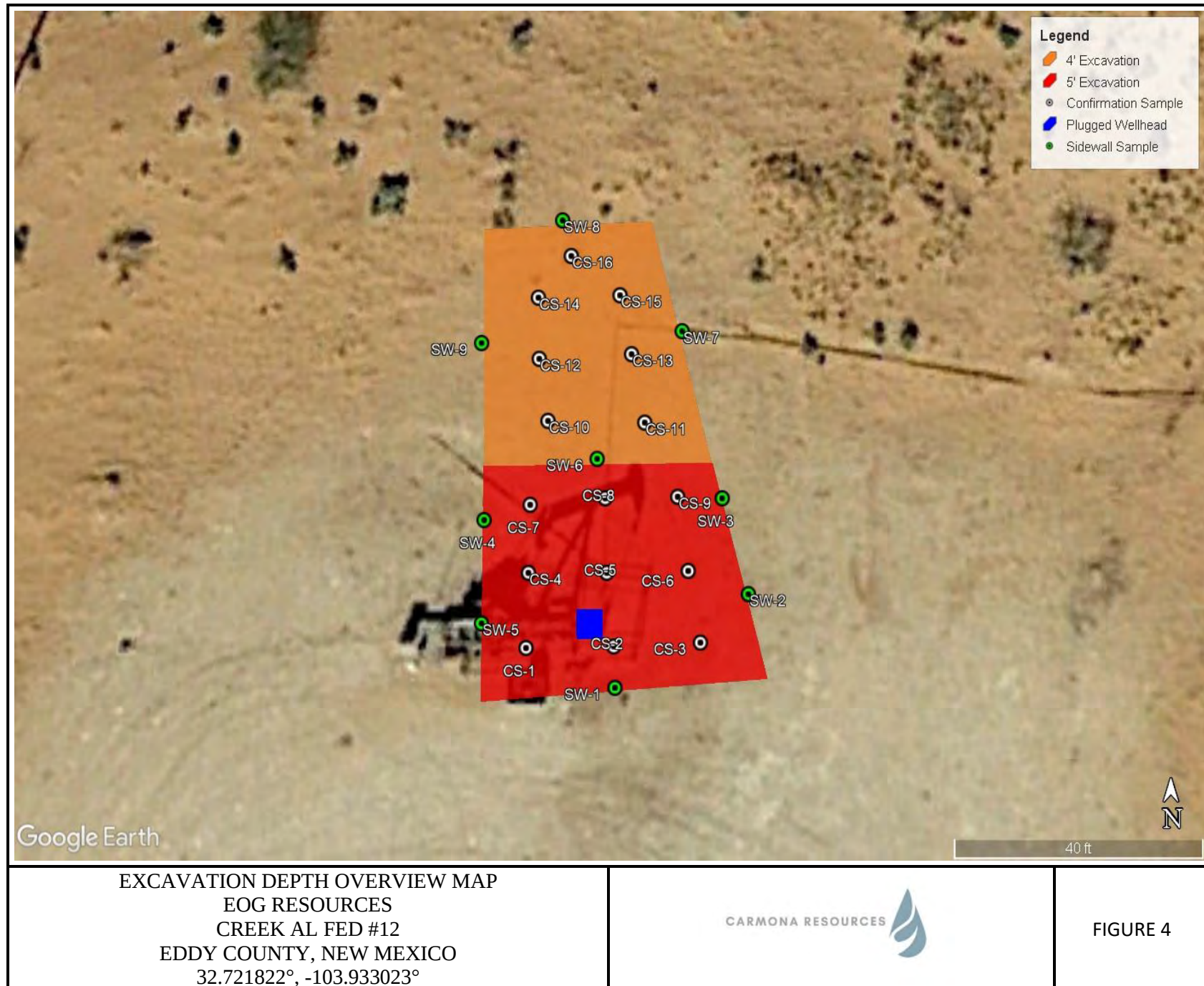


TOPOGRAPHIC MAP
EOG RESOURCES
CREEK AL FED #12
EDDY COUNTY, NEW MEXICO
32.721822°, -103.933023°



FIGURE 2





APPENDIX A

CARMONA RESOURCES



Table 1
EOG
Creek AL Fed #12
Eddy County, New Mexico

Sample ID	Date	Depth (In)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SP-A	5/1/2023	0-6"	<100	1,710	1,160	2,870	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SP-B	5/1/2023	0-6"	<100	5,610	3,280	8,890	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
<i>Regulatory Criteria</i> ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

In - Inches

(SP) Sample Point

 Removed

Table 2
EOG
Creek AL Fed #12
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	5/25/2023	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	43.4
CS-2	5/25/2023	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	40.7
CS-3	5/25/2023	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	37.5
CS-4	5/25/2023	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	42.4
CS-5	5/25/2023	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	50.5
CS-6	5/25/2023	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	40.9
CS-7	5/25/2023	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	60.2
CS-8	5/25/2023	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	69.4
CS-9	5/25/2023	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	58.2
CS-10	5/25/2023	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	21.3
CS-11	5/25/2023	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	67.0
CS-12	5/25/2023	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	23.3
CS-13	5/25/2023	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	49.5
CS-14	5/25/2023	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	43.9
CS-15	5/25/2023	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	37.7
CS-16	5/25/2023	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	39.2
SW-1	5/25/2023	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	58.9
SW-2	5/25/2023	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	66.7
SW-3	5/25/2023	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	56.3
SW-4	5/25/2023	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	47.9
SW-5	5/25/2023	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	46.5
SW-6	5/25/2023	1.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	60.5
SW-7	5/25/2023	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	57.1
SW-8	5/25/2023	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	44.4
SW-9	5/25/2023	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	0.00284	<0.00199	<0.00398	<0.00398	76.8
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1

Facility: Creek AL Fed #12

County: Eddy County, New Mexico

Description:

View of the stained soils before remediation.



Photograph No. 2

Facility: Creek AL Fed #12

County: Eddy County, New Mexico

Description:

View Northeast, area of confirmation samples (CS-1 through CS-16).



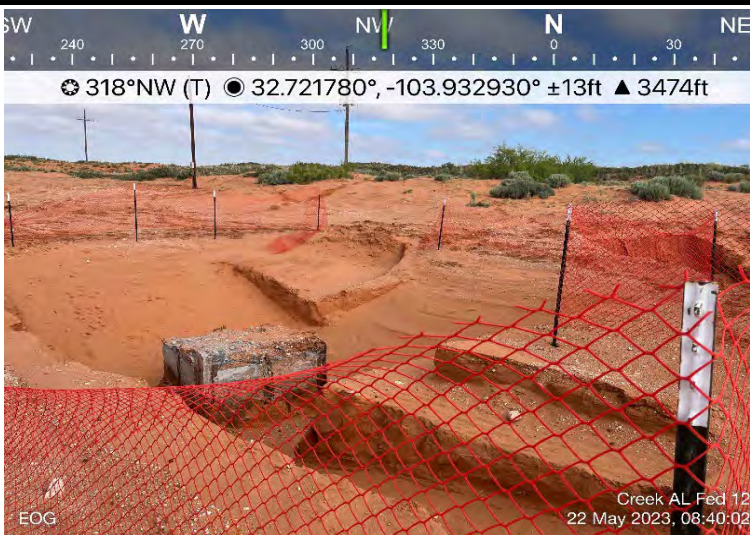
Photograph No. 3

Facility: Creek AL Fed #12

County: Eddy County, New Mexico

Description:

View Northwest, area of confirmation samples (CS-1 through CS-16).



APPENDIX C

CARMONA RESOURCES



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2314255181
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # (assigned by OCD) nAPP2314255181
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.721822° Longitude -103.933023°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Creek AL Fed #12	Site Type
Date Release Discovered 5/1/23	API# (if applicable) 30-015-27775

Unit Letter	Section	Township	Range	County
E	25	18S	30E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☒ Crude Oil	Volume Released (bbls) Unknown	Volume Recovered (bbls) None
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: During the P&A and reclamation activities at the site, stained soils were noticed in the area around the wellhead on 5/1/23. The impacted soils resulted from an unknown crude oil release at an unknown time.

Incident ID	nAPP2314255181
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Unknown volume of release at an unknown time.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? No, it was an unknown volume of release at an unknown time.	

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.	
☒ The impacted area has been secured to protect human health and the environment.	
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. 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 attach all information needed for closure evaluation.	
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.	
Printed Name: <u>Todd Wells</u>	Title: <u>Environmental Specialist</u>
Signature: <u>Todd Wells</u>	Date: <u>5/22/23</u>
email: <u>Todd Wells@eogresources.com</u>	Telephone: <u>(432) 686-3613</u>
<u>OCD Only</u>	
Received by: <u>Michael Buchanan</u>	Date: <u>05/23/2023</u>

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
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

CONDITIONS

Action 219496

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 219496
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	5/23/2023

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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.

Printed Name: _____ Title: _____

Signature: Todd Wells Date: 11/9/23

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 11/9/2023

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

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.

Printed Name: _____ Title: _____

Signature: Todd Wells Date: 11/9/23

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 11/9/2023

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: _____

From: Enviro, OCD, EMNRD
Sent: Tuesday, May 23, 2023 9:16 AM
To: Mike Carmona
Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
Subject: RE: [EXTERNAL] EOG - Creek AI Fed #12 - Sampling Notification - Incident No. nAPP2314255181

Mike,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Mike Carmona <Mcarmona@carmonaresources.com>
Sent: Monday, May 22, 2023 3:38 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Todd Wells <Todd_Wells@eogresources.com>; Conner Moehring <Cmoehring@carmonaresources.com>
Subject: [EXTERNAL] EOG - Creek AI Fed #12 - Sampling Notification - Incident No. nAPP2314255181

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

Good afternoon,

This email serves as a notification for confirmation sampling on the EOG Creek AL Fed #12. Sampling is scheduled to begin on Thursday, May 25th. Carmona Resources personnel will be on-site to collect the confirmation samples.

Incident No. nAPP2314255181

Mike J. Carmona
310 West Wall Street, Suite 500

Midland TX, 79701

M: 432-813-1992

Mcarmona@carmonaresources.com



APPENDIX D

CARMONA RESOURCES

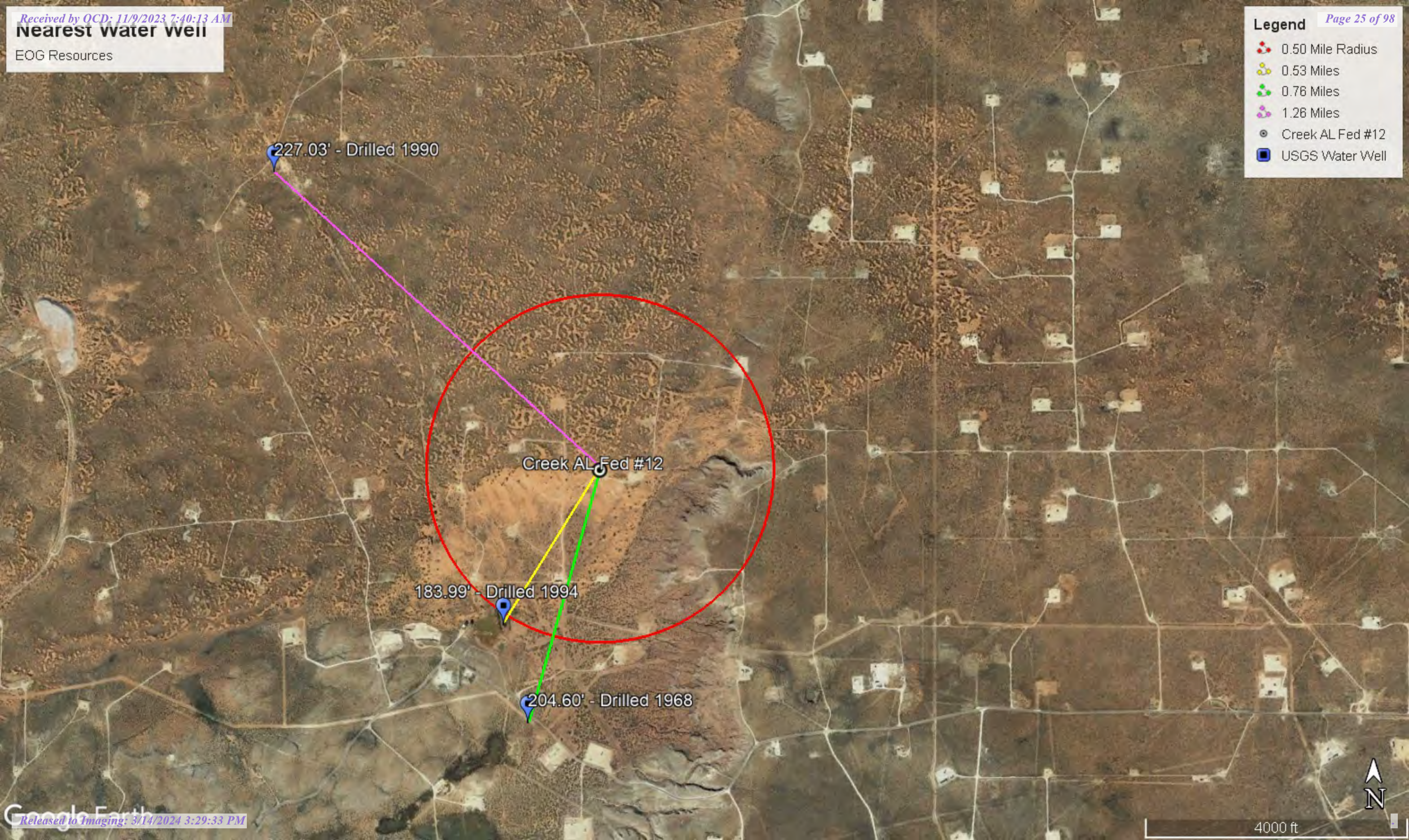


Nearest water well

EOG Resources

Legend

- 0.50 Mile Radius
- 0.53 Miles
- 0.76 Miles
- 1.26 Miles
- Creek AL Fed #12
- USGS Water Well



Medium Karst

EOG Resources

Legend

-  Creek AL Fed #12
-  High
-  Low
-  Medium



Creek AL Fed #12





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 closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00818 POD1	CP	LE		1	4	26	18S	30E		599289	3620364*	920	240		
CP 00767 POD1	CP	ED		3	2	35	18S	30E		599300	3619158*	1934	500		
CP 00853 POD1	O	CP	ED	2	4	28	18S	30E		596472	3620340*	3566	350		
CP 00819 POD1	CP	LE		2	4	32	18S	30E		594878	3618720*	5578	150		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 599983

Northing (Y): 3620968

Radius: 6000

*UTM location was derived from PLSS - see Help

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

5/31/23 8:13 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



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National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

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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 =

- 324244103561601

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 324244103561601 18S.30E.26.414144

Eddy County, New Mexico
Latitude 32°42'55.8", Longitude 103°56'16.4" NAD83
Land-surface elevation 3,431 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

Table of data
Tab-separated data
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 of measurement
1976-05-28			D 62610		3235.07	NGVD29	1		Z	
1976-05-28			D 62611		3236.61	NAVD88	1		Z	
1976-05-28			D 72019	194.39			1		Z	
1983-04-12			D 62610		3243.42	NGVD29	1		Z	
1983-04-12			D 62611		3244.96	NAVD88	1		Z	
1983-04-12			D 72019	186.04			1		Z	
1990-10-10			D 62610		3246.44	NGVD29	1		S	
1990-10-10			D 62611		3247.98	NAVD88	1		S	
1990-10-10			D 72019	183.02			1		S	
1994-03-16			D 62610		3245.47	NGVD29	1		S	
1994-03-16			D 62611		3247.01	NAVD88	1		S	
1994-03-16			D 72019	183.99			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.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)
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0.28 0.24 nadww02



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National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

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Groundwater levels for New Mexico

Click to hide state-specific text

i Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324241103561201

Minimum number of levels = 1
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USGS 324241103561201 18S.30E.26.4140

Eddy County, New Mexico
Latitude 32°42'41", Longitude 103°56'12" NAD27
Land-surface elevation 3,432 feet above NAVD88
The depth of the well is 230 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

Table of data

Tab-separated data

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 of measurement
1968-03-07			D	62610	3225.86	NGVD29	1	Z		
1968-03-07			D	62611	3227.40	NAVD88	1	Z		
1968-03-07			D	72019	204.60		1	Z		

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

Section	Code	Description
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)
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0.33 0.3 nadww02

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	? S
				Groundwater	New Mexico	GO	

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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324405103565801

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 324405103565801 18S.30E.22.2220

Eddy County, New Mexico
Latitude 32°44'05", Longitude 103°56'58" NAD27
Land-surface elevation 3,414 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

Table of data
Tab-separated data
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 (measur
1965-12-09			D	62610	3170.47	NGVD29	1		Z	
1965-12-09			D	62611	3172.00	NAVD88	1		Z	
1965-12-09			D	72019	242.00		1		Z	
1968-03-07			D	62610	3171.67	NGVD29	1		Z	
1968-03-07			D	62611	3173.20	NAVD88	1		Z	
1968-03-07			D	72019	240.80		1		Z	
1971-04-08			D	62610	3173.21	NGVD29	1		Z	
1971-04-08			D	62611	3174.74	NAVD88	1		Z	
1971-04-08			D	72019	239.26		1		Z	
1976-05-28			D	62610	3176.01	NGVD29	1		Z	
1976-05-28			D	62611	3177.54	NAVD88	1		Z	
1976-05-28			D	72019	236.46		1		Z	
1983-04-12			D	62610	3174.09	NGVD29	1		Z	
1983-04-12			D	62611	3175.62	NAVD88	1		Z	
1983-04-12			D	72019	238.38		1		Z	

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	? S
1990-09-25	D	62610	3185.44	NGVD29	1	S	
1990-09-25	D	62611	3186.97	NAVD88	1	S	
1990-09-25	D	72019	227.03		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.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

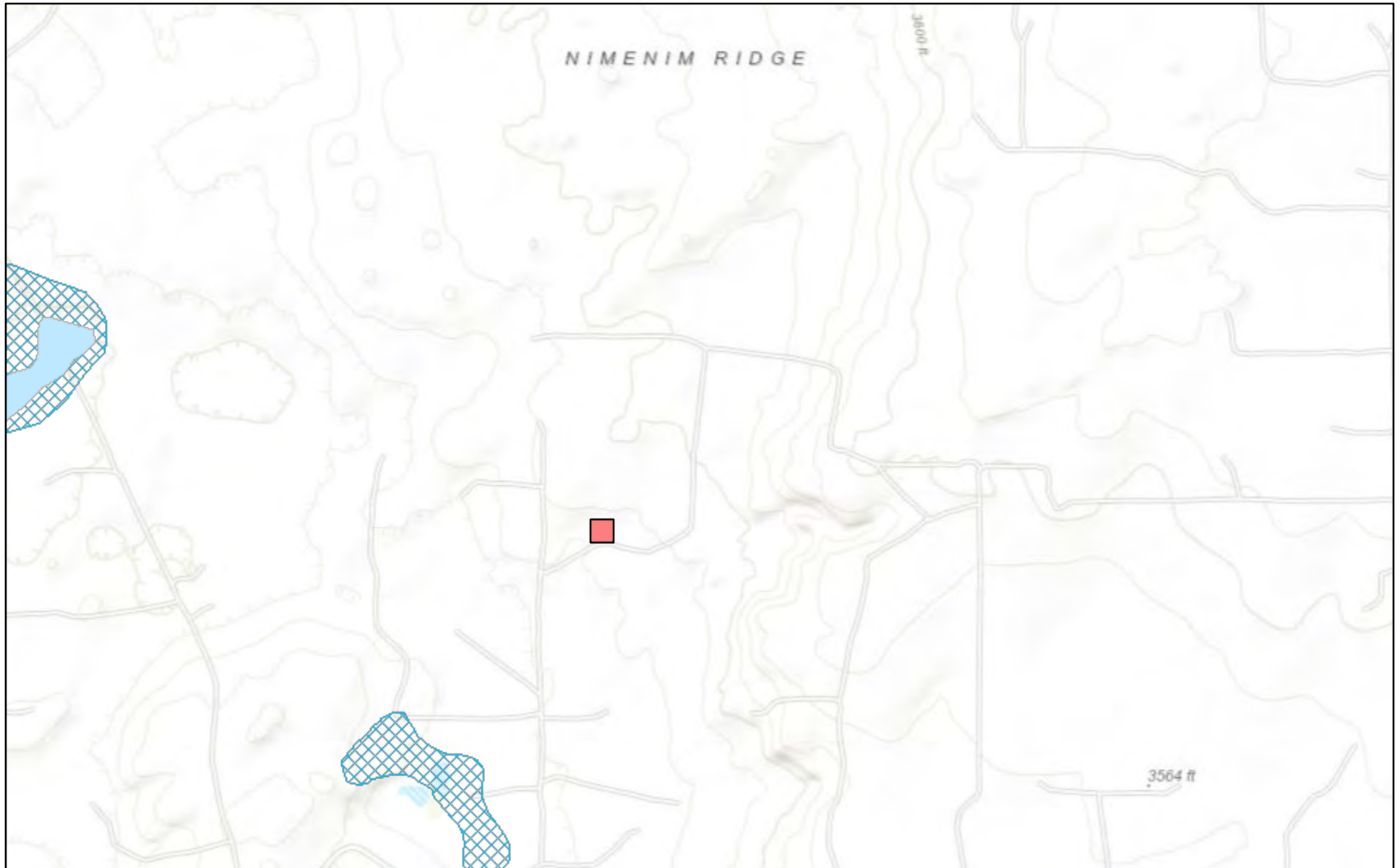
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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

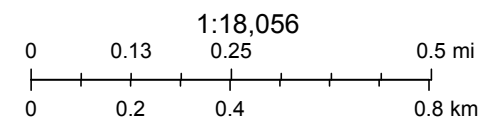


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Page Last Modified: 2023-05-31 10:20:38 EDT
0.28 0.24 nadww02

New Mexico NFHL Data



May 31, 2023



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

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APPENDIX E

CARMONA RESOURCES





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 04, 2023

JAMES KENNEDY

EOG RESOURCES INC.- MIDLAND

5509 CHAMPIONS DR

MIDLAND, TX 79706

RE: CREEK AL FED #12

Enclosed are the results of analyses for samples received by the laboratory on 05/03/23 14:34.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

EOG RESOURCES INC.- MIDLAND
 JAMES KENNEDY
 5509 CHAMPIONS DR
 MIDLAND TX, 79706
 Fax To: NONE

Received: 05/03/2023
 Reported: 05/04/2023
 Project Name: CREEK AL FED #12
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - A (H232195-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/03/2023	ND	1.95	97.5	2.00	8.94		
Toluene*	<0.050	0.050	05/03/2023	ND	1.97	98.3	2.00	8.92		
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.94	97.2	2.00	9.51		
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.00	100	6.00	9.58		
Total BTX	<0.300	0.300	05/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<100	100	05/04/2023	ND	214	107	200	1.92	
DRO >C10-C28*	1710	100	05/04/2023	ND	199	99.7	200	4.53	
EXT DRO >C28-C36	1160	100	05/04/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 170 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

EOG RESOURCES INC.- MIDLAND
 JAMES KENNEDY
 5509 CHAMPIONS DR
 MIDLAND TX, 79706
 Fax To: NONE

Received: 05/03/2023
 Reported: 05/04/2023
 Project Name: CREEK AL FED #12
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - B (H232195-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/03/2023	ND	1.95	97.5	2.00	8.94		
Toluene*	<0.050	0.050	05/03/2023	ND	1.97	98.3	2.00	8.92		
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	1.94	97.2	2.00	9.51		
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.00	100	6.00	9.58		
Total BTEx	<0.300	0.300	05/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/04/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<100	100	05/04/2023	ND	214	107	200	1.92	
DRO >C10-C28*	5610	100	05/04/2023	ND	199	99.7	200	4.53	
EXT DRO >C28-C36	3280	100	05/04/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 211 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: EOG Resources Project Manager: James Kennedy Address: City: State: Zip: Phone #: Fax #: Project #: Project Owner: Project Name: Creek AL Fed #12 Project Location: Sampler Name: Bill D. Smith FOR LAB USE ONLY				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:			
Lab I.D. H232PS 1 SP-A 2 SP-B		Sample I.D. (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV. SAMPLING			
		DATE TIME 5-1-23 / 1420 5-1-23 / 1920		TPH BTEX Chlorides			
Relinquished By: [Signature] Date: 5-3-23 Time: 1434 Received By: [Signature] Date: Time:		REMARKS: Turnaround Time: Standard ☒ Rush Thermometer ID #113 24 hr Correction Factor -0.8°C ☒ Bacteria (only) Sample Condition Cool Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C					



Environment Testing

- 1
- 2
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- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 5/30/2023 3:33:47 PM

JOB DESCRIPTION

Creek AL Fed 12
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-28851-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



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5/30/2023 3:33:47 PM

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

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Laboratory Job ID: 880-28851-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Job ID: 880-28851-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-28851-1****Receipt**

The samples were received on 5/26/2023 1:04 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (5.0') (880-28851-1), CS-2 (5.0') (880-28851-2), CS-3 (5.0') (880-28851-3), CS-4 (5.0') (880-28851-4), CS-5 (5.0') (880-28851-5), CS-6 (5.0') (880-28851-6), CS-7 (5.0') (880-28851-7), CS-8 (5.0') (880-28851-8), CS-9 (5.0') (880-28851-9), CS-10 (4.0') (880-28851-10), CS-11 (4.0') (880-28851-11), CS-12 (4.0') (880-28851-12), CS-13 (4.0') (880-28851-13), CS-14 (4.0') (880-28851-14), CS-15 (4.0') (880-28851-15), CS-16 (4.0') (880-28851-16), SW-1 (5.0') (880-28851-17), SW-2 (5.0') (880-28851-18), SW-3 (5.0') (880-28851-19), SW-4 (5.0') (880-28851-20), SW-5 (5.0') (880-28851-21), SW-6 (1.0') (880-28851-22), SW-7 (4.0') (880-28851-23), SW-8 (4.0') (880-28851-24) and SW-9 (4.0') (880-28851-25).

GC VOA

Method 8021B: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-54263 and analytical batch 880-54207. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8021B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 880-54262 and analytical batch 880-54208 recovered outside control limits for the following analytes: Benzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-54262 and analytical batch 880-54208 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: LCS biased high for benzene. Since the method only requires an LCS or LCSD to be acceptable, the data was qualified and reported. (LCS 880-54263/1-A)

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-13 (4.0') (880-28851-13) and CS-14 (4.0') (880-28851-14). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-54267 and analytical batch 880-54316 was outside the upper control limits.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-54261 and analytical batch 880-54301 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-54260 and analytical batch 880-54300 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits. The associated samples are: CS-1 (5.0') (880-28851-1), CS-2 (5.0') (880-28851-2), CS-3 (5.0') (880-28851-3) and CS-4 (5.0') (880-28851-4).

Case Narrative

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Job ID: 880-28851-1 (Continued)

Laboratory: Eurofins Midland (Continued)

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (5.0')

Lab Sample ID: 880-28851-1

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *+ F1	0.00202		mg/Kg		05/26/23 14:54	05/27/23 11:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 11:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 11:43	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/26/23 14:54	05/27/23 11:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 11:43	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/26/23 14:54	05/27/23 11:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	05/26/23 14:54	05/27/23 11:43	1
1,4-Difluorobenzene (Surr)	88		70 - 130	05/26/23 14:54	05/27/23 11:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/28/23 21:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/28/23 21:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/28/23 21:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	05/26/23 15:56	05/28/23 21:48	1
o-Terphenyl	98		70 - 130	05/26/23 15:56	05/28/23 21:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.4		4.96		mg/Kg			05/27/23 03:22	1

Client Sample ID: CS-2 (5.0')

Lab Sample ID: 880-28851-2

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		05/26/23 14:54	05/27/23 12:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/26/23 14:54	05/27/23 12:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/26/23 14:54	05/27/23 12:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/26/23 14:54	05/27/23 12:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/26/23 14:54	05/27/23 12:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/26/23 14:54	05/27/23 12:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	05/26/23 14:54	05/27/23 12:03	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/26/23 14:54	05/27/23 12:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-2 (5.0')

Lab Sample ID: 880-28851-2

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/28/23 22:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/28/23 22:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/28/23 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				05/26/23 15:56	05/28/23 22:51	1
o-Terphenyl	92		70 - 130				05/26/23 15:56	05/28/23 22:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.7		5.05		mg/Kg			05/27/23 03:28	1

Client Sample ID: CS-3 (5.0')

Lab Sample ID: 880-28851-3

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U **	0.00198		mg/Kg		05/26/23 14:54	05/27/23 12:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/26/23 14:54	05/27/23 12:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/26/23 14:54	05/27/23 12:24	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/26/23 14:54	05/27/23 12:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/26/23 14:54	05/27/23 12:24	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/26/23 14:54	05/27/23 12:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				05/26/23 14:54	05/27/23 12:24	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/26/23 14:54	05/27/23 12:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/28/23 23:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/28/23 23:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-3 (5.0')

Lab Sample ID: 880-28851-3

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/28/23 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				05/26/23 15:56	05/28/23 23:12	1
o-Terphenyl	93		70 - 130				05/26/23 15:56	05/28/23 23:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.5		5.05		mg/Kg			05/27/23 03:33	1

Client Sample ID: CS-4 (5.0')

Lab Sample ID: 880-28851-4

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *	0.00202		mg/Kg		05/26/23 14:54	05/27/23 12:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 12:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 12:44	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/26/23 14:54	05/27/23 12:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 12:44	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/26/23 14:54	05/27/23 12:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				05/26/23 14:54	05/27/23 12:44	1
1,4-Difluorobenzene (Surr)	96		70 - 130				05/26/23 14:54	05/27/23 12:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/26/23 15:56	05/28/23 23:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/26/23 15:56	05/28/23 23:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/26/23 15:56	05/28/23 23:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				05/26/23 15:56	05/28/23 23:32	1
o-Terphenyl	94		70 - 130				05/26/23 15:56	05/28/23 23:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.4		4.98		mg/Kg			05/27/23 03:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-5 (5.0')

Lab Sample ID: 880-28851-5

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U **	0.00202		mg/Kg		05/26/23 14:54	05/27/23 13:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 13:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 13:04	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/26/23 14:54	05/27/23 13:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 13:04	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/26/23 14:54	05/27/23 13:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	05/26/23 14:54	05/27/23 13:04	1
1,4-Difluorobenzene (Surr)	90		70 - 130	05/26/23 14:54	05/27/23 13:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/28/23 23:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/28/23 23:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/28/23 23:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	05/26/23 15:56	05/28/23 23:52	1
o-Terphenyl	90		70 - 130	05/26/23 15:56	05/28/23 23:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.5		5.03		mg/Kg			05/27/23 03:44	1

Client Sample ID: CS-6 (5.0')

Lab Sample ID: 880-28851-6

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U **	0.00199		mg/Kg		05/26/23 14:54	05/27/23 13:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/26/23 14:54	05/27/23 13:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/26/23 14:54	05/27/23 13:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/26/23 14:54	05/27/23 13:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/26/23 14:54	05/27/23 13:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/26/23 14:54	05/27/23 13:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	05/26/23 14:54	05/27/23 13:25	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/26/23 14:54	05/27/23 13:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-6 (5.0')

Lab Sample ID: 880-28851-6

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/26/23 15:56	05/29/23 00:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/26/23 15:56	05/29/23 00:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/26/23 15:56	05/29/23 00:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				05/26/23 15:56	05/29/23 00:13	1
o-Terphenyl	91		70 - 130				05/26/23 15:56	05/29/23 00:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.9		5.01		mg/Kg			05/27/23 04:00	1

Client Sample ID: CS-7 (5.0')

Lab Sample ID: 880-28851-7

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U **	0.00198		mg/Kg		05/26/23 14:54	05/27/23 13:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/26/23 14:54	05/27/23 13:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/26/23 14:54	05/27/23 13:45	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/26/23 14:54	05/27/23 13:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/26/23 14:54	05/27/23 13:45	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/26/23 14:54	05/27/23 13:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				05/26/23 14:54	05/27/23 13:45	1
1,4-Difluorobenzene (Surr)	101		70 - 130				05/26/23 14:54	05/27/23 13:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 00:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 00:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (5.0')

Lab Sample ID: 880-28851-7

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 00:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				05/26/23 15:56	05/29/23 00:33	1
o-Terphenyl	93		70 - 130				05/26/23 15:56	05/29/23 00:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.2		4.97		mg/Kg			05/27/23 04:05	1

Client Sample ID: CS-8 (5.0')

Lab Sample ID: 880-28851-8

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *	0.00201		mg/Kg		05/26/23 14:54	05/27/23 14:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/26/23 14:54	05/27/23 14:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/26/23 14:54	05/27/23 14:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/26/23 14:54	05/27/23 14:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/26/23 14:54	05/27/23 14:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/26/23 14:54	05/27/23 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				05/26/23 14:54	05/27/23 14:06	1
1,4-Difluorobenzene (Surr)	94		70 - 130				05/26/23 14:54	05/27/23 14:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/29/23 00:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/29/23 00:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/29/23 00:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				05/26/23 15:56	05/29/23 00:54	1
o-Terphenyl	90		70 - 130				05/26/23 15:56	05/29/23 00:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.4		4.96		mg/Kg			05/27/23 04:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-9 (5.0')

Lab Sample ID: 880-28851-9

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U **	0.00201		mg/Kg		05/26/23 14:54	05/27/23 14:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/26/23 14:54	05/27/23 14:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/26/23 14:54	05/27/23 14:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/26/23 14:54	05/27/23 14:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/26/23 14:54	05/27/23 14:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/26/23 14:54	05/27/23 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/26/23 14:54	05/27/23 14:26	1
1,4-Difluorobenzene (Surr)	90		70 - 130	05/26/23 14:54	05/27/23 14:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 01:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 01:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 01:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	05/26/23 15:56	05/29/23 01:14	1
o-Terphenyl	86		70 - 130	05/26/23 15:56	05/29/23 01:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.2		5.03		mg/Kg			05/27/23 04:26	1

Client Sample ID: CS-10 (4.0')

Lab Sample ID: 880-28851-10

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U **	0.00202		mg/Kg		05/26/23 14:54	05/27/23 14:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 14:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 14:47	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/26/23 14:54	05/27/23 14:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 14:47	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/26/23 14:54	05/27/23 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	05/26/23 14:54	05/27/23 14:47	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/26/23 14:54	05/27/23 14:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-10 (4.0')

Lab Sample ID: 880-28851-10

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 01:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 01:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 01:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				05/26/23 15:56	05/29/23 01:35	1
o-Terphenyl	96		70 - 130				05/26/23 15:56	05/29/23 01:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.3		5.02		mg/Kg			05/27/23 04:32	1

Client Sample ID: CS-11 (4.0')

Lab Sample ID: 880-28851-11

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U **	0.00202		mg/Kg		05/26/23 14:54	05/27/23 16:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 16:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 16:37	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/26/23 14:54	05/27/23 16:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 16:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/26/23 14:54	05/27/23 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				05/26/23 14:54	05/27/23 16:37	1
1,4-Difluorobenzene (Surr)	91		70 - 130				05/26/23 14:54	05/27/23 16:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/26/23 15:56	05/29/23 02:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/26/23 15:56	05/29/23 02:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (4.0')

Lab Sample ID: 880-28851-11

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/26/23 15:56	05/29/23 02:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				05/26/23 15:56	05/29/23 02:15	1
o-Terphenyl	94		70 - 130				05/26/23 15:56	05/29/23 02:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.0		4.99		mg/Kg			05/27/23 04:37	1

Client Sample ID: CS-12 (4.0')

Lab Sample ID: 880-28851-12

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *	0.00202		mg/Kg		05/26/23 14:54	05/27/23 16:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 16:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 16:58	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/26/23 14:54	05/27/23 16:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 16:58	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/26/23 14:54	05/27/23 16:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				05/26/23 14:54	05/27/23 16:58	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/26/23 14:54	05/27/23 16:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 02:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 02:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				05/26/23 15:56	05/29/23 02:35	1
o-Terphenyl	93		70 - 130				05/26/23 15:56	05/29/23 02:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.3		4.98		mg/Kg			05/27/23 04:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-13 (4.0')

Lab Sample ID: 880-28851-13

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U **	0.00198		mg/Kg		05/26/23 14:54	05/27/23 17:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/26/23 14:54	05/27/23 17:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/26/23 14:54	05/27/23 17:18	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/26/23 14:54	05/27/23 17:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/26/23 14:54	05/27/23 17:18	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/26/23 14:54	05/27/23 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	05/26/23 14:54	05/27/23 17:18	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/26/23 14:54	05/27/23 17:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/26/23 15:56	05/29/23 02:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/26/23 15:56	05/29/23 02:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/26/23 15:56	05/29/23 02:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	181	S1+	70 - 130	05/26/23 15:56	05/29/23 02:56	1
o-Terphenyl	189	S1+	70 - 130	05/26/23 15:56	05/29/23 02:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.5		5.00		mg/Kg			05/27/23 04:48	1

Client Sample ID: CS-14 (4.0')

Lab Sample ID: 880-28851-14

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U **	0.00200		mg/Kg		05/26/23 14:54	05/27/23 17:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/26/23 14:54	05/27/23 17:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/26/23 14:54	05/27/23 17:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/26/23 14:54	05/27/23 17:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/26/23 14:54	05/27/23 17:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/26/23 14:54	05/27/23 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	05/26/23 14:54	05/27/23 17:39	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/26/23 14:54	05/27/23 17:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-14 (4.0')

Lab Sample ID: 880-28851-14

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/29/23 03:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/29/23 03:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/29/23 03:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	177	S1+	70 - 130				05/26/23 15:56	05/29/23 03:16	1
o-Terphenyl	181	S1+	70 - 130				05/26/23 15:56	05/29/23 03:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.9		5.01		mg/Kg			05/27/23 04:53	1

Client Sample ID: CS-15 (4.0')

Lab Sample ID: 880-28851-15

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U **	0.00202		mg/Kg		05/26/23 14:54	05/27/23 17:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 17:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 17:59	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/26/23 14:54	05/27/23 17:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 17:59	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/26/23 14:54	05/27/23 17:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				05/26/23 14:54	05/27/23 17:59	1
1,4-Difluorobenzene (Surr)	93		70 - 130				05/26/23 14:54	05/27/23 17:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/26/23 15:56	05/29/23 03:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/26/23 15:56	05/29/23 03:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-15 (4.0')

Lab Sample ID: 880-28851-15

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/26/23 15:56	05/29/23 03:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				05/26/23 15:56	05/29/23 03:37	1
o-Terphenyl	96		70 - 130				05/26/23 15:56	05/29/23 03:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.7		5.01		mg/Kg			05/27/23 05:35	1

Client Sample ID: CS-16 (4.0')

Lab Sample ID: 880-28851-16

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *	0.00202		mg/Kg		05/26/23 14:54	05/27/23 18:19	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 18:19	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 18:19	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/26/23 14:54	05/27/23 18:19	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 18:19	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/26/23 14:54	05/27/23 18:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				05/26/23 14:54	05/27/23 18:19	1
1,4-Difluorobenzene (Surr)	91		70 - 130				05/26/23 14:54	05/27/23 18:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/29/23 03:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/29/23 03:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/29/23 03:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				05/26/23 15:56	05/29/23 03:57	1
o-Terphenyl	90		70 - 130				05/26/23 15:56	05/29/23 03:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.2		5.00		mg/Kg			05/27/23 05:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-1 (5.0')

Lab Sample ID: 880-28851-17

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U **	0.00199		mg/Kg		05/26/23 14:54	05/27/23 18:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/26/23 14:54	05/27/23 18:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/26/23 14:54	05/27/23 18:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/26/23 14:54	05/27/23 18:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/26/23 14:54	05/27/23 18:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/26/23 14:54	05/27/23 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				05/26/23 14:54	05/27/23 18:40	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/26/23 14:54	05/27/23 18:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/29/23 04:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/29/23 04:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/29/23 04:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				05/26/23 15:56	05/29/23 04:18	1
o-Terphenyl	89		70 - 130				05/26/23 15:56	05/29/23 04:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.9		4.99		mg/Kg			05/27/23 05:57	1

Client Sample ID: SW-2 (5.0')

Lab Sample ID: 880-28851-18

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U **	0.00202		mg/Kg		05/26/23 14:54	05/27/23 19:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 19:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 19:00	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/26/23 14:54	05/27/23 19:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/26/23 14:54	05/27/23 19:00	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/26/23 14:54	05/27/23 19:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				05/26/23 14:54	05/27/23 19:00	1
1,4-Difluorobenzene (Surr)	94		70 - 130				05/26/23 14:54	05/27/23 19:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-2 (5.0')

Lab Sample ID: 880-28851-18

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 04:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 04:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 04:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				05/26/23 15:56	05/29/23 04:38	1
o-Terphenyl	90		70 - 130				05/26/23 15:56	05/29/23 04:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.7		5.02		mg/Kg			05/27/23 06:02	1

Client Sample ID: SW-3 (5.0')

Lab Sample ID: 880-28851-19

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U **	0.00198		mg/Kg		05/26/23 14:54	05/27/23 19:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/26/23 14:54	05/27/23 19:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/26/23 14:54	05/27/23 19:21	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/26/23 14:54	05/27/23 19:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/26/23 14:54	05/27/23 19:21	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/26/23 14:54	05/27/23 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				05/26/23 14:54	05/27/23 19:21	1
1,4-Difluorobenzene (Surr)	96		70 - 130				05/26/23 14:54	05/27/23 19:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 04:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 04:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-3 (5.0')

Lab Sample ID: 880-28851-19

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/26/23 15:56	05/29/23 04:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				05/26/23 15:56	05/29/23 04:59	1
o-Terphenyl	93		70 - 130				05/26/23 15:56	05/29/23 04:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.3		5.04		mg/Kg			05/27/23 06:07	1

Client Sample ID: SW-4 (5.0')

Lab Sample ID: 880-28851-20

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *	0.00200		mg/Kg		05/26/23 14:54	05/27/23 19:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/26/23 14:54	05/27/23 19:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/26/23 14:54	05/27/23 19:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/26/23 14:54	05/27/23 19:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/26/23 14:54	05/27/23 19:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/26/23 14:54	05/27/23 19:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				05/26/23 14:54	05/27/23 19:41	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/26/23 14:54	05/27/23 19:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/30/23 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/30/23 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/29/23 05:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/29/23 05:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/29/23 05:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				05/26/23 15:56	05/29/23 05:20	1
o-Terphenyl	95		70 - 130				05/26/23 15:56	05/29/23 05:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.9		4.97		mg/Kg			05/27/23 06:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-5 (5.0')

Lab Sample ID: 880-28851-21

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U **	0.00202		mg/Kg		05/26/23 15:25	05/27/23 09:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/26/23 15:25	05/27/23 09:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/26/23 15:25	05/27/23 09:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/26/23 15:25	05/27/23 09:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/26/23 15:25	05/27/23 09:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/26/23 15:25	05/27/23 09:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				05/26/23 15:25	05/27/23 09:22	1
1,4-Difluorobenzene (Surr)	88		70 - 130				05/26/23 15:25	05/27/23 09:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/30/23 13:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/30/23 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/26/23 15:58	05/27/23 11:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/26/23 15:58	05/27/23 11:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/26/23 15:58	05/27/23 11:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				05/26/23 15:58	05/27/23 11:42	1
o-Terphenyl	121		70 - 130				05/26/23 15:58	05/27/23 11:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.5		4.97		mg/Kg			05/27/23 06:29	1

Client Sample ID: SW-6 (1.0')

Lab Sample ID: 880-28851-22

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U **	0.00201		mg/Kg		05/26/23 15:25	05/27/23 09:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/26/23 15:25	05/27/23 09:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/26/23 15:25	05/27/23 09:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/26/23 15:25	05/27/23 09:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/26/23 15:25	05/27/23 09:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/26/23 15:25	05/27/23 09:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				05/26/23 15:25	05/27/23 09:43	1
1,4-Difluorobenzene (Surr)	62	S1-	70 - 130				05/26/23 15:25	05/27/23 09:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-6 (1.0')

Lab Sample ID: 880-28851-22

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/30/23 13:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/30/23 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/26/23 15:58	05/27/23 12:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/26/23 15:58	05/27/23 12:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/26/23 15:58	05/27/23 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				05/26/23 15:58	05/27/23 12:49	1
o-Terphenyl	105		70 - 130				05/26/23 15:58	05/27/23 12:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.5		4.96		mg/Kg			05/27/23 06:34	1

Client Sample ID: SW-7 (4.0')

Lab Sample ID: 880-28851-23

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U **	0.00202		mg/Kg		05/26/23 15:25	05/27/23 10:03	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/26/23 15:25	05/27/23 10:03	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/26/23 15:25	05/27/23 10:03	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/26/23 15:25	05/27/23 10:03	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/26/23 15:25	05/27/23 10:03	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/26/23 15:25	05/27/23 10:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				05/26/23 15:25	05/27/23 10:03	1
1,4-Difluorobenzene (Surr)	97		70 - 130				05/26/23 15:25	05/27/23 10:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/30/23 13:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/30/23 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/26/23 15:58	05/27/23 13:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/26/23 15:58	05/27/23 13:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-7 (4.0')

Lab Sample ID: 880-28851-23

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/26/23 15:58	05/27/23 13:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				05/26/23 15:58	05/27/23 13:11	1
o-Terphenyl	103		70 - 130				05/26/23 15:58	05/27/23 13:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.1		5.02		mg/Kg			05/27/23 06:39	1

Client Sample ID: SW-8 (4.0')

Lab Sample ID: 880-28851-24

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *	0.00198		mg/Kg		05/26/23 15:25	05/27/23 10:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/26/23 15:25	05/27/23 10:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/26/23 15:25	05/27/23 10:24	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/26/23 15:25	05/27/23 10:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/26/23 15:25	05/27/23 10:24	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/26/23 15:25	05/27/23 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				05/26/23 15:25	05/27/23 10:24	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/26/23 15:25	05/27/23 10:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/30/23 13:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/30/23 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/26/23 15:58	05/27/23 13:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/26/23 15:58	05/27/23 13:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/26/23 15:58	05/27/23 13:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				05/26/23 15:58	05/27/23 13:33	1
o-Terphenyl	101		70 - 130				05/26/23 15:58	05/27/23 13:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.4		5.05		mg/Kg			05/27/23 06:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-9 (4.0')

Lab Sample ID: 880-28851-25

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U **	0.00199		mg/Kg		05/26/23 15:25	05/27/23 12:31	1
Toluene	0.00284		0.00199		mg/Kg		05/26/23 15:25	05/27/23 12:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/26/23 15:25	05/27/23 12:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/26/23 15:25	05/27/23 12:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/26/23 15:25	05/27/23 12:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/26/23 15:25	05/27/23 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				05/26/23 15:25	05/27/23 12:31	1
1,4-Difluorobenzene (Surr)	106		70 - 130				05/26/23 15:25	05/27/23 12:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/30/23 13:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/30/23 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/26/23 15:58	05/27/23 13:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/26/23 15:58	05/27/23 13:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/26/23 15:58	05/27/23 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				05/26/23 15:58	05/27/23 13:56	1
o-Terphenyl	101		70 - 130				05/26/23 15:58	05/27/23 13:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.8	F1	5.03		mg/Kg			05/27/23 06:50	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-28743-A-5-D MS	Matrix Spike	114	109
880-28743-A-5-E MSD	Matrix Spike Duplicate	67 S1-	97
880-28851-1	CS-1 (5.0')	91	88
880-28851-1 MS	CS-1 (5.0')	94	101
880-28851-1 MSD	CS-1 (5.0')	92	94
880-28851-2	CS-2 (5.0')	93	95
880-28851-3	CS-3 (5.0')	95	90
880-28851-4	CS-4 (5.0')	97	96
880-28851-5	CS-5 (5.0')	87	90
880-28851-6	CS-6 (5.0')	86	94
880-28851-7	CS-7 (5.0')	95	101
880-28851-8	CS-8 (5.0')	94	94
880-28851-9	CS-9 (5.0')	94	90
880-28851-10	CS-10 (4.0')	103	102
880-28851-11	CS-11 (4.0')	83	91
880-28851-12	CS-12 (4.0')	88	90
880-28851-13	CS-13 (4.0')	92	97
880-28851-14	CS-14 (4.0')	102	94
880-28851-15	CS-15 (4.0')	91	93
880-28851-16	CS-16 (4.0')	100	91
880-28851-17	SW-1 (5.0')	101	95
880-28851-18	SW-2 (5.0')	92	94
880-28851-19	SW-3 (5.0')	102	96
880-28851-20	SW-4 (5.0')	97	95
880-28851-21	SW-5 (5.0')	90	88
880-28851-22	SW-6 (1.0')	101	62 S1-
880-28851-23	SW-7 (4.0')	121	97
880-28851-24	SW-8 (4.0')	89	95
880-28851-25	SW-9 (4.0')	87	106
LCS 880-54262/1-A	Lab Control Sample	92	102
LCS 880-54263/1-A	Lab Control Sample	87	114
LCSD 880-54262/2-A	Lab Control Sample Dup	108	105
LCSD 880-54263/2-A	Lab Control Sample Dup	107	112
MB 880-54099/5-A	Method Blank	66 S1-	74
MB 880-54106/5-A	Method Blank	93	98
MB 880-54263/5-A	Method Blank	66 S1-	82
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-28851-1	CS-1 (5.0')	102	98
880-28851-1 MS	CS-1 (5.0')	95	87
880-28851-1 MSD	CS-1 (5.0')	89	84

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-28851-2	CS-2 (5.0')	92	92
880-28851-3	CS-3 (5.0')	91	93
880-28851-4	CS-4 (5.0')	91	94
880-28851-5	CS-5 (5.0')	90	90
880-28851-6	CS-6 (5.0')	90	91
880-28851-7	CS-7 (5.0')	91	93
880-28851-8	CS-8 (5.0')	88	90
880-28851-9	CS-9 (5.0')	86	86
880-28851-10	CS-10 (4.0')	90	96
880-28851-11	CS-11 (4.0')	90	94
880-28851-12	CS-12 (4.0')	88	93
880-28851-13	CS-13 (4.0')	181 S1+	189 S1+
880-28851-14	CS-14 (4.0')	177 S1+	181 S1+
880-28851-15	CS-15 (4.0')	89	96
880-28851-16	CS-16 (4.0')	90	90
880-28851-17	SW-1 (5.0')	89	89
880-28851-18	SW-2 (5.0')	91	90
880-28851-19	SW-3 (5.0')	88	93
880-28851-20	SW-4 (5.0')	95	95
880-28851-21	SW-5 (5.0')	115	121
880-28851-21 MS	SW-5 (5.0')	98	90
880-28851-21 MSD	SW-5 (5.0')	97	90
880-28851-22	SW-6 (1.0')	101	105
880-28851-23	SW-7 (4.0')	99	103
880-28851-24	SW-8 (4.0')	98	101
880-28851-25	SW-9 (4.0')	100	101
LCS 880-54266/2-A	Lab Control Sample	93	86
LCS 880-54267/2-A	Lab Control Sample	84	91
LCSD 880-54266/3-A	Lab Control Sample Dup	93	92
LCSD 880-54267/3-A	Lab Control Sample Dup	100	106
MB 880-54266/1-A	Method Blank	83	81
MB 880-54267/1-A	Method Blank	203 S1+	223 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-54099/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 54207							Prep Batch: 54099		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/24/23 15:37	05/26/23 21:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/24/23 15:37	05/26/23 21:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/24/23 15:37	05/26/23 21:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/24/23 15:37	05/26/23 21:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/24/23 15:37	05/26/23 21:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/24/23 15:37	05/26/23 21:44	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	66	S1-	70 - 130				05/24/23 15:37	05/26/23 21:44	1
1,4-Difluorobenzene (Surr)	74		70 - 130				05/24/23 15:37	05/26/23 21:44	1

Lab Sample ID: MB 880-54106/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 54208							Prep Batch: 54106		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/24/23 16:22	05/26/23 23:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/24/23 16:22	05/26/23 23:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/24/23 16:22	05/26/23 23:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/24/23 16:22	05/26/23 23:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/24/23 16:22	05/26/23 23:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/24/23 16:22	05/26/23 23:38	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				05/24/23 16:22	05/26/23 23:38	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/24/23 16:22	05/26/23 23:38	1

Lab Sample ID: LCS 880-54262/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 54208							Prep Batch: 54262		
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1378	*+	mg/Kg		138	70 - 130		
Toluene	0.100	0.1174		mg/Kg		117	70 - 130		
Ethylbenzene	0.100	0.1051		mg/Kg		105	70 - 130		
m-Xylene & p-Xylene	0.200	0.2003		mg/Kg		100	70 - 130		
o-Xylene	0.100	0.09181		mg/Kg		92	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	92		70 - 130						
1,4-Difluorobenzene (Surr)	102		70 - 130						

Lab Sample ID: LCSD 880-54262/2-A							Client Sample ID: Lab Control Sample Dup		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 54208							Prep Batch: 54262		
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1417	*+	mg/Kg		142	70 - 130	3	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-54262/2-A

Matrix: Solid

Analysis Batch: 54208

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 54262

Analyte	Spike		LCSD		Unit	D	%Rec	%Rec		RPD
	Added	Result	Qualifier	Limit				Limits	RPD	Limit
Toluene	0.100	0.1175			mg/Kg		117	70 - 130	0	35
Ethylbenzene	0.100	0.1172			mg/Kg		117	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.2368			mg/Kg		118	70 - 130	17	35
o-Xylene	0.100	0.1093			mg/Kg		109	70 - 130	17	35
LCSD		LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	108		70 - 130							
1,4-Difluorobenzene (Surr)	105		70 - 130							

Lab Sample ID: 880-28851-1 MS

Matrix: Solid

Analysis Batch: 54208

Client Sample ID: CS-1 (5.0')

Prep Type: Total/NA

Prep Batch: 54262

Analyte	Sample		Spike	MS		Unit	D	%Rec	%Rec	
	Result	Qualifier		Result	Qualifier				Limits	RPD
Benzene	<0.00202	U *+ F1	0.0996	0.1421	F1	mg/Kg		143	70 - 130	
Toluene	<0.00202	U	0.0996	0.1039		mg/Kg		104	70 - 130	
Ethylbenzene	<0.00202	U	0.0996	0.1050		mg/Kg		105	70 - 130	
m-Xylene & p-Xylene	<0.00403	U	0.199	0.1976		mg/Kg		99	70 - 130	
o-Xylene	<0.00202	U	0.0996	0.09517		mg/Kg		96	70 - 130	
MS		MS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	94		70 - 130							
1,4-Difluorobenzene (Surr)	101		70 - 130							

Lab Sample ID: 880-28851-1 MSD

Matrix: Solid

Analysis Batch: 54208

Client Sample ID: CS-1 (5.0')

Prep Type: Total/NA

Prep Batch: 54262

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		Limit
Benzene	<0.00202	U *+ F1	0.0994	0.1141		mg/Kg		115	70 - 130	22	35
Toluene	<0.00202	U	0.0994	0.09579		mg/Kg		96	70 - 130	8	35
Ethylbenzene	<0.00202	U	0.0994	0.09038		mg/Kg		91	70 - 130	15	35
m-Xylene & p-Xylene	<0.00403	U	0.199	0.1746		mg/Kg		88	70 - 130	12	35
o-Xylene	<0.00202	U	0.0994	0.08466		mg/Kg		85	70 - 130	12	35
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	92		70 - 130								
1,4-Difluorobenzene (Surr)	94		70 - 130								

Lab Sample ID: MB 880-54263/5-A

Matrix: Solid

Analysis Batch: 54207

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 54263

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		05/26/23 15:25	05/27/23 08:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/26/23 15:25	05/27/23 08:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/26/23 15:25	05/27/23 08:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/26/23 15:25	05/27/23 08:20	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-54263/5-A

Matrix: Solid

Analysis Batch: 54207

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 54263

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/26/23 15:25	05/27/23 08:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/26/23 15:25	05/27/23 08:20	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	66	S1-	70 - 130				05/26/23 15:25	05/27/23 08:20	1
1,4-Difluorobenzene (Surr)	82		70 - 130				05/26/23 15:25	05/27/23 08:20	1

Lab Sample ID: LCS 880-54263/1-A

Matrix: Solid

Analysis Batch: 54207

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 54263

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1319	*+	mg/Kg		132	70 - 130
Toluene	0.100	0.09762		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.08723		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1692		mg/Kg		85	70 - 130
o-Xylene	0.100	0.08550		mg/Kg		85	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	87		70 - 130				
1,4-Difluorobenzene (Surr)	114		70 - 130				

Lab Sample ID: LCSD 880-54263/2-A

Matrix: Solid

Analysis Batch: 54207

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 54263

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1265		mg/Kg		127	70 - 130	4	35
Toluene	0.100	0.1041		mg/Kg		104	70 - 130	6	35
Ethylbenzene	0.100	0.1019		mg/Kg		102	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.2115		mg/Kg		106	70 - 130	22	35
o-Xylene	0.100	0.1078		mg/Kg		108	70 - 130	23	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	112		70 - 130						

Lab Sample ID: 880-28743-A-5-D MS

Matrix: Solid

Analysis Batch: 54207

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 54263

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U F2 F1 *	0.101	0.1260		mg/Kg		125	70 - 130
Toluene	<0.00202	U F2 F1	0.101	0.1071		mg/Kg		106	70 - 130
Ethylbenzene	<0.00202	U F1	0.101	0.1081		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	<0.00403	U F1	0.202	0.2268		mg/Kg		112	70 - 130
o-Xylene	<0.00202	U F1	0.101	0.1153		mg/Kg		114	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-28743-A-5-D MS

Matrix: Solid

Analysis Batch: 54207

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 54263

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-28743-A-5-E MSD

Matrix: Solid

Analysis Batch: 54207

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 54263

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F2 F1 *	0.0994	<0.00199	U F2 F1	mg/Kg		0.8	70 - 130	198	35
		+									
Toluene	<0.00202	U F2 F1	0.0994	<0.00199	U F2 F1	mg/Kg		0.5	70 - 130	198	35
Ethylbenzene	<0.00202	U F1	0.0994	<0.00199	U F1	mg/Kg		0	70 - 130	NC	35
m-Xylene & p-Xylene	<0.00403	U F1	0.199	<0.00398	U F1	mg/Kg		0	70 - 130	NC	35
o-Xylene	<0.00202	U F1	0.0994	<0.00199	U F1	mg/Kg		0	70 - 130	NC	35
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130								
1,4-Difluorobenzene (Surr)	97		70 - 130								

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

Lab Sample ID: MB 880-54266/1-A

Matrix: Solid

Analysis Batch: 54321

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 54266

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/28/23 20:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/28/23 20:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/26/23 15:56	05/28/23 20:42	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				05/26/23 15:56	05/28/23 20:42	1
o-Terphenyl	81		70 - 130				05/26/23 15:56	05/28/23 20:42	1

Lab Sample ID: LCS 880-54266/2-A

Matrix: Solid

Analysis Batch: 54321

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 54266

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	813.1		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	812.6		mg/Kg		81	70 - 130
	LCS	LCS					
Surrogate	%Recovery	Qualifier	Limits				
1-Chlorooctane	93		70 - 130				
o-Terphenyl	86		70 - 130				

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QC Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-54266/3-A

Matrix: Solid

Analysis Batch: 54321

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 54266

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	811.1		mg/Kg		81	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	840.4		mg/Kg		84	70 - 130	3	20
		LCSD %Recovery	LCSD Qualifier						
Surrogate				Limits					
1-Chlorooctane		93		70 - 130					
o-Terphenyl		92		70 - 130					

Lab Sample ID: 880-28851-1 MS

Matrix: Solid

Analysis Batch: 54321

Client Sample ID: CS-1 (5.0')

Prep Type: Total/NA

Prep Batch: 54266

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	872.6		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	840.6		mg/Kg		84	70 - 130		
		MS %Recovery	MS Qualifier								
Surrogate				Limits							
1-Chlorooctane		95		70 - 130							
o-Terphenyl		87		70 - 130							

Lab Sample ID: 880-28851-1 MSD

Matrix: Solid

Analysis Batch: 54321

Client Sample ID: CS-1 (5.0')

Prep Type: Total/NA

Prep Batch: 54266

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	821.2		mg/Kg		79	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	797.7		mg/Kg		80	70 - 130	5	20
		MSD %Recovery	MSD Qualifier								
Surrogate				Limits							
1-Chlorooctane		89		70 - 130							
o-Terphenyl		84		70 - 130							

Lab Sample ID: MB 880-54267/1-A

Matrix: Solid

Analysis Batch: 54316

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 54267

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/26/23 15:58	05/27/23 09:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/26/23 15:58	05/27/23 09:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/26/23 15:58	05/27/23 09:06	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-54267/1-A
Matrix: Solid
Analysis Batch: 54316

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 54267

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	203	S1+	70 - 130	05/26/23 15:58	05/27/23 09:06	1				
o-Terphenyl	223	S1+	70 - 130	05/26/23 15:58	05/27/23 09:06	1				

Lab Sample ID: LCS 880-54267/2-A
Matrix: Solid
Analysis Batch: 54316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 54267

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	817.4		mg/Kg		82	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	831.8		mg/Kg		83	70 - 130		

	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	84		70 - 130								
o-Terphenyl	91		70 - 130								

Lab Sample ID: LCSD 880-54267/3-A
Matrix: Solid
Analysis Batch: 54316

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 54267

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	839.2		mg/Kg		84	70 - 130	3	20	
Diesel Range Organics (Over C10-C28)			1000	1005		mg/Kg		100	70 - 130	19	20	

	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	100		70 - 130									
o-Terphenyl	106		70 - 130									

Lab Sample ID: 880-28851-21 MS
Matrix: Solid
Analysis Batch: 54316

Client Sample ID: SW-5 (5.0')
Prep Type: Total/NA
Prep Batch: 54267

	Sample	Sample	Spike	MS	MS				%Rec			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	817.9		mg/Kg		80	70 - 130			
Diesel Range Organics (Over C10-C28)	<50.0	U	999	893.8		mg/Kg		89	70 - 130			

	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	98		70 - 130									
o-Terphenyl	90		70 - 130									

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QC Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-28851-21 MSD

Matrix: Solid

Analysis Batch: 54316

Client Sample ID: SW-5 (5.0')

Prep Type: Total/NA

Prep Batch: 54267

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	831.4		mg/Kg		81	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	879.5		mg/Kg		88	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	97		70 - 130								
o-Terphenyl	90		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-54260/1-A

Matrix: Solid

Analysis Batch: 54300

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/27/23 02:13	1

Lab Sample ID: LCS 880-54260/2-A

Matrix: Solid

Analysis Batch: 54300

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	261.0		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-54260/3-A

Matrix: Solid

Analysis Batch: 54300

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	260.5		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-28851-5 MS

Matrix: Solid

Analysis Batch: 54300

Client Sample ID: CS-5 (5.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.5		252	300.1		mg/Kg		99	90 - 110

Lab Sample ID: 880-28851-5 MSD

Matrix: Solid

Analysis Batch: 54300

Client Sample ID: CS-5 (5.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	50.5		252	297.9		mg/Kg		98	90 - 110	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-54261/1-A

Matrix: Solid

Analysis Batch: 54301

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/27/23 05:20	1

Lab Sample ID: LCS 880-54261/2-A

Matrix: Solid

Analysis Batch: 54301

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.8		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-54261/3-A

Matrix: Solid

Analysis Batch: 54301

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.2		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 880-28851-15 MS

Matrix: Solid

Analysis Batch: 54301

Client Sample ID: CS-15 (4.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	37.7		251	276.4		mg/Kg		95	90 - 110

Lab Sample ID: 880-28851-15 MSD

Matrix: Solid

Analysis Batch: 54301

Client Sample ID: CS-15 (4.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	37.7		251	276.3		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-28851-25 MS

Matrix: Solid

Analysis Batch: 54301

Client Sample ID: SW-9 (4.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	76.8	F1	252	288.2	F1	mg/Kg		84	90 - 110

Lab Sample ID: 880-28851-25 MSD

Matrix: Solid

Analysis Batch: 54301

Client Sample ID: SW-9 (4.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	76.8	F1	252	287.9	F1	mg/Kg		84	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 54099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-54099/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 54106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-54106/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 54207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-21	SW-5 (5.0')	Total/NA	Solid	8021B	54263
880-28851-22	SW-6 (1.0')	Total/NA	Solid	8021B	54263
880-28851-23	SW-7 (4.0')	Total/NA	Solid	8021B	54263
880-28851-24	SW-8 (4.0')	Total/NA	Solid	8021B	54263
880-28851-25	SW-9 (4.0')	Total/NA	Solid	8021B	54263
MB 880-54099/5-A	Method Blank	Total/NA	Solid	8021B	54099
MB 880-54263/5-A	Method Blank	Total/NA	Solid	8021B	54263
LCS 880-54263/1-A	Lab Control Sample	Total/NA	Solid	8021B	54263
LCSD 880-54263/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	54263
880-28743-A-5-D MS	Matrix Spike	Total/NA	Solid	8021B	54263
880-28743-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	54263

Analysis Batch: 54208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-1	CS-1 (5.0')	Total/NA	Solid	8021B	54262
880-28851-2	CS-2 (5.0')	Total/NA	Solid	8021B	54262
880-28851-3	CS-3 (5.0')	Total/NA	Solid	8021B	54262
880-28851-4	CS-4 (5.0')	Total/NA	Solid	8021B	54262
880-28851-5	CS-5 (5.0')	Total/NA	Solid	8021B	54262
880-28851-6	CS-6 (5.0')	Total/NA	Solid	8021B	54262
880-28851-7	CS-7 (5.0')	Total/NA	Solid	8021B	54262
880-28851-8	CS-8 (5.0')	Total/NA	Solid	8021B	54262
880-28851-9	CS-9 (5.0')	Total/NA	Solid	8021B	54262
880-28851-10	CS-10 (4.0')	Total/NA	Solid	8021B	54262
880-28851-11	CS-11 (4.0')	Total/NA	Solid	8021B	54262
880-28851-12	CS-12 (4.0')	Total/NA	Solid	8021B	54262
880-28851-13	CS-13 (4.0')	Total/NA	Solid	8021B	54262
880-28851-14	CS-14 (4.0')	Total/NA	Solid	8021B	54262
880-28851-15	CS-15 (4.0')	Total/NA	Solid	8021B	54262
880-28851-16	CS-16 (4.0')	Total/NA	Solid	8021B	54262
880-28851-17	SW-1 (5.0')	Total/NA	Solid	8021B	54262
880-28851-18	SW-2 (5.0')	Total/NA	Solid	8021B	54262
880-28851-19	SW-3 (5.0')	Total/NA	Solid	8021B	54262
880-28851-20	SW-4 (5.0')	Total/NA	Solid	8021B	54262
MB 880-54106/5-A	Method Blank	Total/NA	Solid	8021B	54106
LCS 880-54262/1-A	Lab Control Sample	Total/NA	Solid	8021B	54262
LCSD 880-54262/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	54262
880-28851-1 MS	CS-1 (5.0')	Total/NA	Solid	8021B	54262
880-28851-1 MSD	CS-1 (5.0')	Total/NA	Solid	8021B	54262

Prep Batch: 54262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-1	CS-1 (5.0')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 54262 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-2	CS-2 (5.0')	Total/NA	Solid	5035	
880-28851-3	CS-3 (5.0')	Total/NA	Solid	5035	
880-28851-4	CS-4 (5.0')	Total/NA	Solid	5035	
880-28851-5	CS-5 (5.0')	Total/NA	Solid	5035	
880-28851-6	CS-6 (5.0')	Total/NA	Solid	5035	
880-28851-7	CS-7 (5.0')	Total/NA	Solid	5035	
880-28851-8	CS-8 (5.0')	Total/NA	Solid	5035	
880-28851-9	CS-9 (5.0')	Total/NA	Solid	5035	
880-28851-10	CS-10 (4.0')	Total/NA	Solid	5035	
880-28851-11	CS-11 (4.0')	Total/NA	Solid	5035	
880-28851-12	CS-12 (4.0')	Total/NA	Solid	5035	
880-28851-13	CS-13 (4.0')	Total/NA	Solid	5035	
880-28851-14	CS-14 (4.0')	Total/NA	Solid	5035	
880-28851-15	CS-15 (4.0')	Total/NA	Solid	5035	
880-28851-16	CS-16 (4.0')	Total/NA	Solid	5035	
880-28851-17	SW-1 (5.0')	Total/NA	Solid	5035	
880-28851-18	SW-2 (5.0')	Total/NA	Solid	5035	
880-28851-19	SW-3 (5.0')	Total/NA	Solid	5035	
880-28851-20	SW-4 (5.0')	Total/NA	Solid	5035	
LCS 880-54262/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-54262/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-28851-1 MS	CS-1 (5.0')	Total/NA	Solid	5035	
880-28851-1 MSD	CS-1 (5.0')	Total/NA	Solid	5035	

Prep Batch: 54263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-21	SW-5 (5.0')	Total/NA	Solid	5035	
880-28851-22	SW-6 (1.0')	Total/NA	Solid	5035	
880-28851-23	SW-7 (4.0')	Total/NA	Solid	5035	
880-28851-24	SW-8 (4.0')	Total/NA	Solid	5035	
880-28851-25	SW-9 (4.0')	Total/NA	Solid	5035	
MB 880-54263/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-54263/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-54263/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-28743-A-5-D MS	Matrix Spike	Total/NA	Solid	5035	
880-28743-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 54351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-1	CS-1 (5.0')	Total/NA	Solid	Total BTEX	
880-28851-2	CS-2 (5.0')	Total/NA	Solid	Total BTEX	
880-28851-3	CS-3 (5.0')	Total/NA	Solid	Total BTEX	
880-28851-4	CS-4 (5.0')	Total/NA	Solid	Total BTEX	
880-28851-5	CS-5 (5.0')	Total/NA	Solid	Total BTEX	
880-28851-6	CS-6 (5.0')	Total/NA	Solid	Total BTEX	
880-28851-7	CS-7 (5.0')	Total/NA	Solid	Total BTEX	
880-28851-8	CS-8 (5.0')	Total/NA	Solid	Total BTEX	
880-28851-9	CS-9 (5.0')	Total/NA	Solid	Total BTEX	
880-28851-10	CS-10 (4.0')	Total/NA	Solid	Total BTEX	
880-28851-11	CS-11 (4.0')	Total/NA	Solid	Total BTEX	
880-28851-12	CS-12 (4.0')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 54351 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-13	CS-13 (4.0')	Total/NA	Solid	Total BTEX	
880-28851-14	CS-14 (4.0')	Total/NA	Solid	Total BTEX	
880-28851-15	CS-15 (4.0')	Total/NA	Solid	Total BTEX	
880-28851-16	CS-16 (4.0')	Total/NA	Solid	Total BTEX	
880-28851-17	SW-1 (5.0')	Total/NA	Solid	Total BTEX	
880-28851-18	SW-2 (5.0')	Total/NA	Solid	Total BTEX	
880-28851-19	SW-3 (5.0')	Total/NA	Solid	Total BTEX	
880-28851-20	SW-4 (5.0')	Total/NA	Solid	Total BTEX	
880-28851-21	SW-5 (5.0')	Total/NA	Solid	Total BTEX	
880-28851-22	SW-6 (1.0')	Total/NA	Solid	Total BTEX	
880-28851-23	SW-7 (4.0')	Total/NA	Solid	Total BTEX	
880-28851-24	SW-8 (4.0')	Total/NA	Solid	Total BTEX	
880-28851-25	SW-9 (4.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 54266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-1	CS-1 (5.0')	Total/NA	Solid	8015NM Prep	
880-28851-2	CS-2 (5.0')	Total/NA	Solid	8015NM Prep	
880-28851-3	CS-3 (5.0')	Total/NA	Solid	8015NM Prep	
880-28851-4	CS-4 (5.0')	Total/NA	Solid	8015NM Prep	
880-28851-5	CS-5 (5.0')	Total/NA	Solid	8015NM Prep	
880-28851-6	CS-6 (5.0')	Total/NA	Solid	8015NM Prep	
880-28851-7	CS-7 (5.0')	Total/NA	Solid	8015NM Prep	
880-28851-8	CS-8 (5.0')	Total/NA	Solid	8015NM Prep	
880-28851-9	CS-9 (5.0')	Total/NA	Solid	8015NM Prep	
880-28851-10	CS-10 (4.0')	Total/NA	Solid	8015NM Prep	
880-28851-11	CS-11 (4.0')	Total/NA	Solid	8015NM Prep	
880-28851-12	CS-12 (4.0')	Total/NA	Solid	8015NM Prep	
880-28851-13	CS-13 (4.0')	Total/NA	Solid	8015NM Prep	
880-28851-14	CS-14 (4.0')	Total/NA	Solid	8015NM Prep	
880-28851-15	CS-15 (4.0')	Total/NA	Solid	8015NM Prep	
880-28851-16	CS-16 (4.0')	Total/NA	Solid	8015NM Prep	
880-28851-17	SW-1 (5.0')	Total/NA	Solid	8015NM Prep	
880-28851-18	SW-2 (5.0')	Total/NA	Solid	8015NM Prep	
880-28851-19	SW-3 (5.0')	Total/NA	Solid	8015NM Prep	
880-28851-20	SW-4 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-54266/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-54266/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-54266/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-28851-1 MS	CS-1 (5.0')	Total/NA	Solid	8015NM Prep	
880-28851-1 MSD	CS-1 (5.0')	Total/NA	Solid	8015NM Prep	

Prep Batch: 54267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-21	SW-5 (5.0')	Total/NA	Solid	8015NM Prep	
880-28851-22	SW-6 (1.0')	Total/NA	Solid	8015NM Prep	
880-28851-23	SW-7 (4.0')	Total/NA	Solid	8015NM Prep	
880-28851-24	SW-8 (4.0')	Total/NA	Solid	8015NM Prep	
880-28851-25	SW-9 (4.0')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 54267 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-54267/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-54267/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-54267/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-28851-21 MS	SW-5 (5.0')	Total/NA	Solid	8015NM Prep	
880-28851-21 MSD	SW-5 (5.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 54316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-21	SW-5 (5.0')	Total/NA	Solid	8015B NM	54267
880-28851-22	SW-6 (1.0')	Total/NA	Solid	8015B NM	54267
880-28851-23	SW-7 (4.0')	Total/NA	Solid	8015B NM	54267
880-28851-24	SW-8 (4.0')	Total/NA	Solid	8015B NM	54267
880-28851-25	SW-9 (4.0')	Total/NA	Solid	8015B NM	54267
MB 880-54267/1-A	Method Blank	Total/NA	Solid	8015B NM	54267
LCS 880-54267/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	54267
LCSD 880-54267/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	54267
880-28851-21 MS	SW-5 (5.0')	Total/NA	Solid	8015B NM	54267
880-28851-21 MSD	SW-5 (5.0')	Total/NA	Solid	8015B NM	54267

Analysis Batch: 54321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-1	CS-1 (5.0')	Total/NA	Solid	8015B NM	54266
880-28851-2	CS-2 (5.0')	Total/NA	Solid	8015B NM	54266
880-28851-3	CS-3 (5.0')	Total/NA	Solid	8015B NM	54266
880-28851-4	CS-4 (5.0')	Total/NA	Solid	8015B NM	54266
880-28851-5	CS-5 (5.0')	Total/NA	Solid	8015B NM	54266
880-28851-6	CS-6 (5.0')	Total/NA	Solid	8015B NM	54266
880-28851-7	CS-7 (5.0')	Total/NA	Solid	8015B NM	54266
880-28851-8	CS-8 (5.0')	Total/NA	Solid	8015B NM	54266
880-28851-9	CS-9 (5.0')	Total/NA	Solid	8015B NM	54266
880-28851-10	CS-10 (4.0')	Total/NA	Solid	8015B NM	54266
880-28851-11	CS-11 (4.0')	Total/NA	Solid	8015B NM	54266
880-28851-12	CS-12 (4.0')	Total/NA	Solid	8015B NM	54266
880-28851-13	CS-13 (4.0')	Total/NA	Solid	8015B NM	54266
880-28851-14	CS-14 (4.0')	Total/NA	Solid	8015B NM	54266
880-28851-15	CS-15 (4.0')	Total/NA	Solid	8015B NM	54266
880-28851-16	CS-16 (4.0')	Total/NA	Solid	8015B NM	54266
880-28851-17	SW-1 (5.0')	Total/NA	Solid	8015B NM	54266
880-28851-18	SW-2 (5.0')	Total/NA	Solid	8015B NM	54266
880-28851-19	SW-3 (5.0')	Total/NA	Solid	8015B NM	54266
880-28851-20	SW-4 (5.0')	Total/NA	Solid	8015B NM	54266
MB 880-54266/1-A	Method Blank	Total/NA	Solid	8015B NM	54266
LCS 880-54266/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	54266
LCSD 880-54266/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	54266
880-28851-1 MS	CS-1 (5.0')	Total/NA	Solid	8015B NM	54266
880-28851-1 MSD	CS-1 (5.0')	Total/NA	Solid	8015B NM	54266

Analysis Batch: 54359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-1	CS-1 (5.0')	Total/NA	Solid	8015 NM	
880-28851-2	CS-2 (5.0')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 54359 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-3	CS-3 (5.0')	Total/NA	Solid	8015 NM	
880-28851-4	CS-4 (5.0')	Total/NA	Solid	8015 NM	
880-28851-5	CS-5 (5.0')	Total/NA	Solid	8015 NM	
880-28851-6	CS-6 (5.0')	Total/NA	Solid	8015 NM	
880-28851-7	CS-7 (5.0')	Total/NA	Solid	8015 NM	
880-28851-8	CS-8 (5.0')	Total/NA	Solid	8015 NM	
880-28851-9	CS-9 (5.0')	Total/NA	Solid	8015 NM	
880-28851-10	CS-10 (4.0')	Total/NA	Solid	8015 NM	
880-28851-11	CS-11 (4.0')	Total/NA	Solid	8015 NM	
880-28851-12	CS-12 (4.0')	Total/NA	Solid	8015 NM	
880-28851-13	CS-13 (4.0')	Total/NA	Solid	8015 NM	
880-28851-14	CS-14 (4.0')	Total/NA	Solid	8015 NM	
880-28851-15	CS-15 (4.0')	Total/NA	Solid	8015 NM	
880-28851-16	CS-16 (4.0')	Total/NA	Solid	8015 NM	
880-28851-17	SW-1 (5.0')	Total/NA	Solid	8015 NM	
880-28851-18	SW-2 (5.0')	Total/NA	Solid	8015 NM	
880-28851-19	SW-3 (5.0')	Total/NA	Solid	8015 NM	
880-28851-20	SW-4 (5.0')	Total/NA	Solid	8015 NM	
880-28851-21	SW-5 (5.0')	Total/NA	Solid	8015 NM	
880-28851-22	SW-6 (1.0')	Total/NA	Solid	8015 NM	
880-28851-23	SW-7 (4.0')	Total/NA	Solid	8015 NM	
880-28851-24	SW-8 (4.0')	Total/NA	Solid	8015 NM	
880-28851-25	SW-9 (4.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 54260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-1	CS-1 (5.0')	Soluble	Solid	DI Leach	
880-28851-2	CS-2 (5.0')	Soluble	Solid	DI Leach	
880-28851-3	CS-3 (5.0')	Soluble	Solid	DI Leach	
880-28851-4	CS-4 (5.0')	Soluble	Solid	DI Leach	
880-28851-5	CS-5 (5.0')	Soluble	Solid	DI Leach	
880-28851-6	CS-6 (5.0')	Soluble	Solid	DI Leach	
880-28851-7	CS-7 (5.0')	Soluble	Solid	DI Leach	
880-28851-8	CS-8 (5.0')	Soluble	Solid	DI Leach	
880-28851-9	CS-9 (5.0')	Soluble	Solid	DI Leach	
880-28851-10	CS-10 (4.0')	Soluble	Solid	DI Leach	
880-28851-11	CS-11 (4.0')	Soluble	Solid	DI Leach	
880-28851-12	CS-12 (4.0')	Soluble	Solid	DI Leach	
880-28851-13	CS-13 (4.0')	Soluble	Solid	DI Leach	
880-28851-14	CS-14 (4.0')	Soluble	Solid	DI Leach	
MB 880-54260/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-54260/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-54260/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-28851-5 MS	CS-5 (5.0')	Soluble	Solid	DI Leach	
880-28851-5 MSD	CS-5 (5.0')	Soluble	Solid	DI Leach	

Leach Batch: 54261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-15	CS-15 (4.0')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 54261 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-16	CS-16 (4.0')	Soluble	Solid	DI Leach	
880-28851-17	SW-1 (5.0')	Soluble	Solid	DI Leach	
880-28851-18	SW-2 (5.0')	Soluble	Solid	DI Leach	
880-28851-19	SW-3 (5.0')	Soluble	Solid	DI Leach	
880-28851-20	SW-4 (5.0')	Soluble	Solid	DI Leach	
880-28851-21	SW-5 (5.0')	Soluble	Solid	DI Leach	
880-28851-22	SW-6 (1.0')	Soluble	Solid	DI Leach	
880-28851-23	SW-7 (4.0')	Soluble	Solid	DI Leach	
880-28851-24	SW-8 (4.0')	Soluble	Solid	DI Leach	
880-28851-25	SW-9 (4.0')	Soluble	Solid	DI Leach	
MB 880-54261/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-54261/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-54261/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-28851-15 MS	CS-15 (4.0')	Soluble	Solid	DI Leach	
880-28851-15 MSD	CS-15 (4.0')	Soluble	Solid	DI Leach	
880-28851-25 MS	SW-9 (4.0')	Soluble	Solid	DI Leach	
880-28851-25 MSD	SW-9 (4.0')	Soluble	Solid	DI Leach	

Analysis Batch: 54300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-1	CS-1 (5.0')	Soluble	Solid	300.0	54260
880-28851-2	CS-2 (5.0')	Soluble	Solid	300.0	54260
880-28851-3	CS-3 (5.0')	Soluble	Solid	300.0	54260
880-28851-4	CS-4 (5.0')	Soluble	Solid	300.0	54260
880-28851-5	CS-5 (5.0')	Soluble	Solid	300.0	54260
880-28851-6	CS-6 (5.0')	Soluble	Solid	300.0	54260
880-28851-7	CS-7 (5.0')	Soluble	Solid	300.0	54260
880-28851-8	CS-8 (5.0')	Soluble	Solid	300.0	54260
880-28851-9	CS-9 (5.0')	Soluble	Solid	300.0	54260
880-28851-10	CS-10 (4.0')	Soluble	Solid	300.0	54260
880-28851-11	CS-11 (4.0')	Soluble	Solid	300.0	54260
880-28851-12	CS-12 (4.0')	Soluble	Solid	300.0	54260
880-28851-13	CS-13 (4.0')	Soluble	Solid	300.0	54260
880-28851-14	CS-14 (4.0')	Soluble	Solid	300.0	54260
MB 880-54260/1-A	Method Blank	Soluble	Solid	300.0	54260
LCS 880-54260/2-A	Lab Control Sample	Soluble	Solid	300.0	54260
LCSD 880-54260/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	54260
880-28851-5 MS	CS-5 (5.0')	Soluble	Solid	300.0	54260
880-28851-5 MSD	CS-5 (5.0')	Soluble	Solid	300.0	54260

Analysis Batch: 54301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-15	CS-15 (4.0')	Soluble	Solid	300.0	54261
880-28851-16	CS-16 (4.0')	Soluble	Solid	300.0	54261
880-28851-17	SW-1 (5.0')	Soluble	Solid	300.0	54261
880-28851-18	SW-2 (5.0')	Soluble	Solid	300.0	54261
880-28851-19	SW-3 (5.0')	Soluble	Solid	300.0	54261
880-28851-20	SW-4 (5.0')	Soluble	Solid	300.0	54261
880-28851-21	SW-5 (5.0')	Soluble	Solid	300.0	54261
880-28851-22	SW-6 (1.0')	Soluble	Solid	300.0	54261
880-28851-23	SW-7 (4.0')	Soluble	Solid	300.0	54261

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QC Association Summary

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 54301 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-28851-24	SW-8 (4.0')	Soluble	Solid	300.0	54261
880-28851-25	SW-9 (4.0')	Soluble	Solid	300.0	54261
MB 880-54261/1-A	Method Blank	Soluble	Solid	300.0	54261
LCS 880-54261/2-A	Lab Control Sample	Soluble	Solid	300.0	54261
LCSD 880-54261/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	54261
880-28851-15 MS	CS-15 (4.0')	Soluble	Solid	300.0	54261
880-28851-15 MSD	CS-15 (4.0')	Soluble	Solid	300.0	54261
880-28851-25 MS	SW-9 (4.0')	Soluble	Solid	300.0	54261
880-28851-25 MSD	SW-9 (4.0')	Soluble	Solid	300.0	54261

Lab Chronicle

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (5.0')
Date Collected: 05/25/23 00:00
Date Received: 05/26/23 13:04

Lab Sample ID: 880-28851-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 11:43	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/28/23 21:48	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	54260	05/26/23 14:45	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54300	05/27/23 03:22	SMC	EET MID

Client Sample ID: CS-2 (5.0')
Date Collected: 05/25/23 00:00
Date Received: 05/26/23 13:04

Lab Sample ID: 880-28851-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 12:03	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/28/23 22:51	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	54260	05/26/23 14:45	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54300	05/27/23 03:28	SMC	EET MID

Client Sample ID: CS-3 (5.0')
Date Collected: 05/25/23 00:00
Date Received: 05/26/23 13:04

Lab Sample ID: 880-28851-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 12:24	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/28/23 23:12	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	54260	05/26/23 14:45	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54300	05/27/23 03:33	SMC	EET MID

Client Sample ID: CS-4 (5.0')
Date Collected: 05/25/23 00:00
Date Received: 05/26/23 13:04

Lab Sample ID: 880-28851-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 12:44	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-4 (5.0')

Lab Sample ID: 880-28851-4

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/28/23 23:32	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	54260	05/26/23 14:45	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54300	05/27/23 03:38	SMC	EET MID

Client Sample ID: CS-5 (5.0')

Lab Sample ID: 880-28851-5

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 13:04	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/28/23 23:52	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	54260	05/26/23 14:45	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54300	05/27/23 03:44	SMC	EET MID

Client Sample ID: CS-6 (5.0')

Lab Sample ID: 880-28851-6

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 13:25	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/29/23 00:13	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	54260	05/26/23 14:45	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54300	05/27/23 04:00	SMC	EET MID

Client Sample ID: CS-7 (5.0')

Lab Sample ID: 880-28851-7

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 13:45	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/29/23 00:33	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (5.0')
Date Collected: 05/25/23 00:00
Date Received: 05/26/23 13:04

Lab Sample ID: 880-28851-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	54260	05/26/23 14:45	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54300	05/27/23 04:05	SMC	EET MID

Client Sample ID: CS-8 (5.0')
Date Collected: 05/25/23 00:00
Date Received: 05/26/23 13:04

Lab Sample ID: 880-28851-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 14:06	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/29/23 00:54	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	54260	05/26/23 14:45	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54300	05/27/23 04:21	SMC	EET MID

Client Sample ID: CS-9 (5.0')
Date Collected: 05/25/23 00:00
Date Received: 05/26/23 13:04

Lab Sample ID: 880-28851-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 14:26	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/29/23 01:14	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	54260	05/26/23 14:45	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54300	05/27/23 04:26	SMC	EET MID

Client Sample ID: CS-10 (4.0')
Date Collected: 05/25/23 00:00
Date Received: 05/26/23 13:04

Lab Sample ID: 880-28851-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 14:47	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/29/23 01:35	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	54260	05/26/23 14:45	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54300	05/27/23 04:32	SMC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (4.0')**Lab Sample ID: 880-28851-11****Date Collected: 05/25/23 00:00****Matrix: Solid****Date Received: 05/26/23 13:04**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 16:37	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/29/23 02:15	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	54260	05/26/23 14:45	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54300	05/27/23 04:37	SMC	EET MID

Client Sample ID: CS-12 (4.0')**Lab Sample ID: 880-28851-12****Date Collected: 05/25/23 00:00****Matrix: Solid****Date Received: 05/26/23 13:04**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 16:58	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/29/23 02:35	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	54260	05/26/23 14:45	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54300	05/27/23 04:42	SMC	EET MID

Client Sample ID: CS-13 (4.0')**Lab Sample ID: 880-28851-13****Date Collected: 05/25/23 00:00****Matrix: Solid****Date Received: 05/26/23 13:04**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 17:18	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/29/23 02:56	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	54260	05/26/23 14:45	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54300	05/27/23 04:48	SMC	EET MID

Client Sample ID: CS-14 (4.0')**Lab Sample ID: 880-28851-14****Date Collected: 05/25/23 00:00****Matrix: Solid****Date Received: 05/26/23 13:04**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 17:39	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-14 (4.0')
Date Collected: 05/25/23 00:00
Date Received: 05/26/23 13:04

Lab Sample ID: 880-28851-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/29/23 03:16	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	54260	05/26/23 14:45	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54300	05/27/23 04:53	SMC	EET MID

Client Sample ID: CS-15 (4.0')
Date Collected: 05/25/23 00:00
Date Received: 05/26/23 13:04

Lab Sample ID: 880-28851-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 17:59	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/29/23 03:37	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	54261	05/26/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54301	05/27/23 05:35	CH	EET MID

Client Sample ID: CS-16 (4.0')
Date Collected: 05/25/23 00:00
Date Received: 05/26/23 13:04

Lab Sample ID: 880-28851-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 18:19	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/29/23 03:57	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	54261	05/26/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54301	05/27/23 05:51	CH	EET MID

Client Sample ID: SW-1 (5.0')
Date Collected: 05/25/23 00:00
Date Received: 05/26/23 13:04

Lab Sample ID: 880-28851-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 18:40	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/29/23 04:18	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-1 (5.0')**Lab Sample ID: 880-28851-17****Date Collected: 05/25/23 00:00****Matrix: Solid****Date Received: 05/26/23 13:04**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	54261	05/26/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54301	05/27/23 05:57	CH	EET MID

Client Sample ID: SW-2 (5.0')**Lab Sample ID: 880-28851-18****Date Collected: 05/25/23 00:00****Matrix: Solid****Date Received: 05/26/23 13:04**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 19:00	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/29/23 04:38	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	54261	05/26/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54301	05/27/23 06:02	CH	EET MID

Client Sample ID: SW-3 (5.0')**Lab Sample ID: 880-28851-19****Date Collected: 05/25/23 00:00****Matrix: Solid****Date Received: 05/26/23 13:04**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 19:21	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/29/23 04:59	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	54261	05/26/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54301	05/27/23 06:07	CH	EET MID

Client Sample ID: SW-4 (5.0')**Lab Sample ID: 880-28851-20****Date Collected: 05/25/23 00:00****Matrix: Solid****Date Received: 05/26/23 13:04**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	54262	05/26/23 14:54	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54208	05/27/23 19:41	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 09:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 09:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	54266	05/26/23 15:56	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54321	05/29/23 05:20	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	54261	05/26/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54301	05/27/23 06:23	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-5 (5.0')

Lab Sample ID: 880-28851-21

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	54263	05/26/23 15:25	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54207	05/27/23 09:22	SM	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 13:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 15:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	54267	05/26/23 15:58	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54316	05/27/23 11:42	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	54261	05/26/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54301	05/27/23 06:29	CH	EET MID

Client Sample ID: SW-6 (1.0')

Lab Sample ID: 880-28851-22

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	54263	05/26/23 15:25	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54207	05/27/23 09:43	SM	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 13:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 15:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	54267	05/26/23 15:58	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54316	05/27/23 12:49	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	54261	05/26/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54301	05/27/23 06:34	CH	EET MID

Client Sample ID: SW-7 (4.0')

Lab Sample ID: 880-28851-23

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	54263	05/26/23 15:25	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54207	05/27/23 10:03	SM	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 13:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 15:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	54267	05/26/23 15:58	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54316	05/27/23 13:11	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	54261	05/26/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54301	05/27/23 06:39	CH	EET MID

Client Sample ID: SW-8 (4.0')

Lab Sample ID: 880-28851-24

Date Collected: 05/25/23 00:00

Matrix: Solid

Date Received: 05/26/23 13:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	54263	05/26/23 15:25	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54207	05/27/23 10:24	SM	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 13:01	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-8 (4.0')
Date Collected: 05/25/23 00:00
Date Received: 05/26/23 13:04

Lab Sample ID: 880-28851-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			54359	05/30/23 15:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	54267	05/26/23 15:58	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54316	05/27/23 13:33	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	54261	05/26/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54301	05/27/23 06:45	CH	EET MID

Client Sample ID: SW-9 (4.0')
Date Collected: 05/25/23 00:00
Date Received: 05/26/23 13:04

Lab Sample ID: 880-28851-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	54263	05/26/23 15:25	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	54207	05/27/23 12:31	SM	EET MID
Total/NA	Analysis	Total BTEX		1			54351	05/30/23 13:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			54359	05/30/23 15:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	54267	05/26/23 15:58	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	54316	05/27/23 13:56	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	54261	05/26/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	54301	05/27/23 06:50	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Creek AL Fed 12

Job ID: 880-28851-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-28851-1	CS-1 (5.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-2	CS-2 (5.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-3	CS-3 (5.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-4	CS-4 (5.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-5	CS-5 (5.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-6	CS-6 (5.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-7	CS-7 (5.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-8	CS-8 (5.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-9	CS-9 (5.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-10	CS-10 (4.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-11	CS-11 (4.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-12	CS-12 (4.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-13	CS-13 (4.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-14	CS-14 (4.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-15	CS-15 (4.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-16	CS-16 (4.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-17	SW-1 (5.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-18	SW-2 (5.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-19	SW-3 (5.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-20	SW-4 (5.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-21	SW-5 (5.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-22	SW-6 (1.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-23	SW-7 (4.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-24	SW-8 (4.0')	Solid	05/25/23 00:00	05/26/23 13:04
880-28851-25	SW-9 (4.0')	Solid	05/25/23 00:00	05/26/23 13:04

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Work Order No: 28851

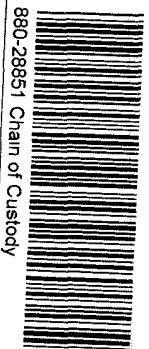
5/30/2023

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Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmora Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79706
Phone	432-813-6823	Email	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RC ☐ Perturb ☐
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD	☐ ADAPT ☐ Other

Project Name	Creek AL Fed 12	Turn Around	☐ Routine ☒ Rush	Due Date	24 Hours	Proa. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number	2033																None NO	DI Water H ₂ O	
Project Location	Eddy County, New Mexico																Cool Cool	MeOH Me	
Sampler's Name	CRM																HCL HC	HNO ₃ HN	
PO #																	H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐													H ₃ PO ₄ HP		
Received Inact:	Yes ☒ No ☐	Thermometer ID															NaHSO ₄ NABIS		
Cooler Custody Seals	Yes ☒ No ☐	Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading															Zn Acetate+NaOH Zn		
Total Containers		Corrected Temperature															NaOH+Ascorbic Acid SABC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments		
CS-1 (5 0')	5/25/2023		X		C	1	X	X	X										
CS-2 (5 0')	5/25/2023		X		C	1	X	X	X										
CS-3 (5 0')	5/25/2023		X		C	1	X	X	X										
CS-4 (5 0')	5/25/2023		X		C	1	X	X	X										
CS-5 (5 0')	5/25/2023		X		C	1	X	X	X										
CS-6 (5 0')	5/25/2023		X		C	1	X	X	X										
CS-7 (5 0')	5/25/2023		X		C	1	X	X	X										
CS-8 (5 0')	5/25/2023		X		C	1	X	X	X										
CS-9 (5 0')	5/25/2023		X		C	1	X	X	X										
CS-10 (4 0')	5/25/2023		X		C	1	X	X	X										



860-28851 Chain of Custody

Comments Email to Mike Carmora / mcarmora@carmoraresources.com and Conner Moehring / cmoehring@carmoraresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	5/26 - 1:04p		

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Work Order No: 20851

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Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmora Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Tx 79706
Phone	432-813-6823	Email	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/ST	☐ PRP ☐ Brownfields ☐ RC ☐ Refund
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV
Deliverables	EDP ☐ ADAPT ☐ Other

Project Name	Creek AL Fed 12	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	2033	Due Date	24 Hours														None NO	DI Water H ₂ O
Project Location	Eddy County, New Mexico																Cool Cool	MeOH Me
Sampler's Name	CRM																HCL HC	HNO ₃ HN
PO #																	H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐													H ₃ PO ₄ HP	
Received Intact	Yes ☒ No ☐	Thermometer ID															NaHSO ₄ NABIS	
Cooler Custody Seals	Yes ☒ No ☐	Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading															Zn Acetate+NaOH Zn	
Total Containers		Corrected Temperature															NaOH+Ascorbic Acid SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
CS-11 (4 0')	5/25/2023		X		C	1	X	X	X									
CS-12 (4 0')	5/25/2023		X		C	1	X	X	X									
CS-13 (4 0')	5/25/2023		X		C	1	X	X	X									
CS-14 (4 0')	5/25/2023		X		C	1	X	X	X									
CS-15 (4 0')	5/25/2023		X		C	1	X	X	X									
CS-16 (4 0')	5/25/2023		X		C	1	X	X	X									
SW-1 (5 0')	5/25/2023		X		C	1	X	X	X									
SW-2 (5 0')	5/25/2023		X		C	1	X	X	X									
SW-3 (5 0')	5/25/2023		X		C	1	X	X	X									
SW-4 (5 0')	5/25/2023		X		C	1	X	X	X									

Comments Email to Mike Carmora / mcarmora@carmoraresources.com and Conner Moehring / cmoehring@carmoraresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	5/26 - 1:04pm		

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Work Order No: 200851

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Project Manager	Comer Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79706
Phone	432-813-6823	Email	Todd Wells@eogresources.com

Work Order Comments	
Program: USTR/ST	PRP ☐ Brownfields ☐ RRC ☐ ☐ perfund
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables	EDD ☐ ADAPT ☐ Other

Project Name		Creek AL Fed 12		Turn Around		ANALYSIS REQUEST												Preservative Codes		
Project Number	2033	☐ Routine	☒ Rush														None NO	DI Water H ₂ O		
Project Location	Eddy County, New Mexico	Due Date	24 Hours														Cool Cool	MeOH Me		
Sampler's Name	CRM																HCL HC	HNO ₃ HN		
PO #.																	H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT				Temp Blank	Yes ☒ No ☒	Wet Ice	Yes ☒ No ☒	Thermometer ID	Parameters											
Received Intact:				Yes ☒ No ☒	Correction Factor	BTEx 8021B														
Cooler Custody Seals				Yes ☒ No ☒	Temperature Reading	TPH 8015M (GRO + DRO + MRO)														
Sample Custody Seals				Yes ☒ No ☒	Corrected Temperature	Chloride 300.0														
Total Containers																				
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments		
SW-5 (5 0')		5/25/2023		X		C	1	X	X	X										
SW-6 (1 0')		5/25/2023		X		C	1	X	X	X										
SW-7 (4 0')		5/25/2023		X		C	1	X	X	X										
SW-8 (4 0')		5/25/2023		X		C	1	X	X	X										
SW-9 (4 0')		5/25/2023		X		C	1	X	X	X										

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-28851-1

SDG Number: Eddy County, New Mexico

Login Number: 28851

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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

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
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

CONDITIONS

Action 284181

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 284181
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bhall	Closure and reclamation approved. Site will need to be reseed in the first favorable growing season pursuant to 19.15.29.13 D.(2) NMAC.	3/14/2024
bhall	A revegetation report will need to be submitted when revegetation is complete and meet the requirements of 19.15.29.13 NMAC.	3/14/2024
bhall	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseedling activities, inspections, and final pictures when revegetation is achieved.	3/14/2024
bhall	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	3/14/2024