

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: Jacques Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 05/25/2023

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: Robert Hamlet Date: 10/18/2023

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Craig Federal Com 012H (02.03.23)
Eddy County, New Mexico
Incident ID: NAPP2306133645
Unit D Sec 01 T26S R26E
32.080375°, -104.252621°

Crude Oil Release
Point of Release: FWKO failure resulting in a flare fire
Release Date: 02.03.23
Volume Released: 0.25 barrels of Crude Oil
Volume Recovered: 0 barrels of Crude Oil

CARMONA RESOURCES



Prepared for:
Concho Operating, LLC
15 West London Road,
Loving, New Mexico 88256

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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May 24, 2023

Mike Bratcher
District Supervisor
Oil Conservation Division, District 4
1220 South St. Francis Dr.
Santa Fe, NM 87505

Re: Closure Report
Craig Federal Com 012H (02.03.23)
Concho Operating, LLC
Site Location: Unit D, S01, T26S, R26E
(Lat 32.080375°, Long -104.252621°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the site Craig Federal Com 012H (02.03.23). The site is located at 32.080375°, -104.252621° within Unit D, S01, T26S, R26E, and 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 February 3, 2023, due to an FWKO failing to dump fluids, which caused the fluids to be sent to the flare resulting in a flare fire on the pad. It released approximately zero point twenty-five (0.25) barrels of crude oil, and zero (0) barrels of crude oil were 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 high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water features are within a 0.50-mile radius of the location. The nearest identified well is approximately 1.72 miles North of the site in S25, T25S, R26E and was drilled in 2018. The well has a reported depth to groundwater of 13.96 feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following 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).
- Chloride: 600 mg/kg.

4.0 Site Assessment Activities

On March 6, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. To assess the vertical and horizontal extent, two (2) sample points (S-1 through S-2) and five (5) horizontal points (H-1 through H-5) were advanced to depths ranging from the surface to 0.5' bgs inside the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were



collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOC division office was notified via email on April 17, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The areas of S-1 and S-2 were excavated to a depth of 0.5' below the surface to remove all the impacted soil. A total of six (6) floor confirmation samples were collected (CS-1 through CS-6), and fourteen (14) sidewall samples (SW-1 through SW-14) 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.

Confirmation sample 5 (CS-5) returned from the lab with elevated chloride concentration at 650 mg/kg. The area of CS-5 was excavated an additional 0.5 feet, and the sample was recollected.

All final confirmation samples were below the reclamation and regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 48 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. The final C-141 is attached, and COG formally requests the closure of the spill. 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

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES

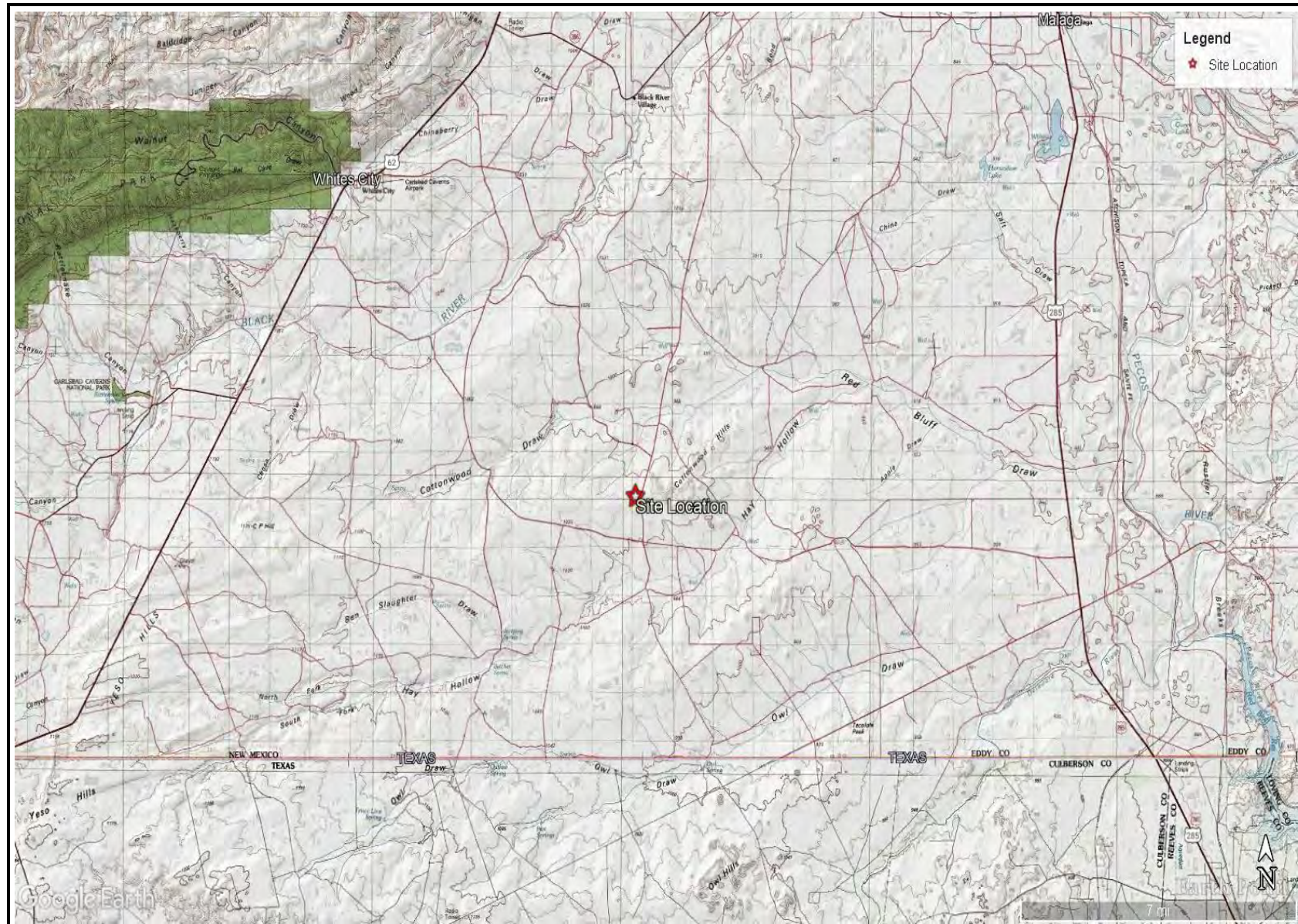




OVERVIEW MAP
COG OPERATING, LLC
CRAIG FEDERAL COM 012H (02.03.23)
EDDY COUNTY, NEW MEXICO
32.080375°, -104.252621°



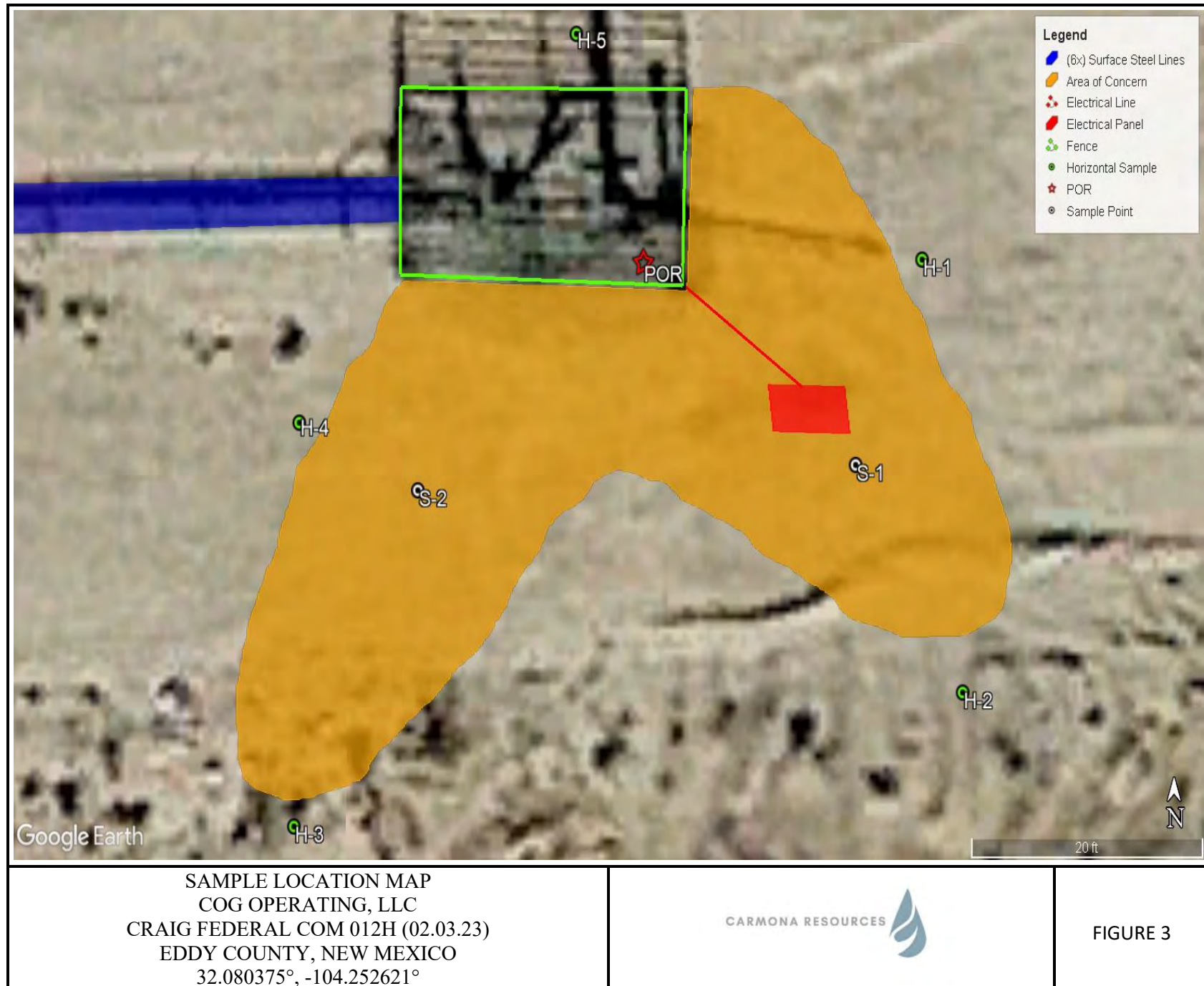
FIGURE 1

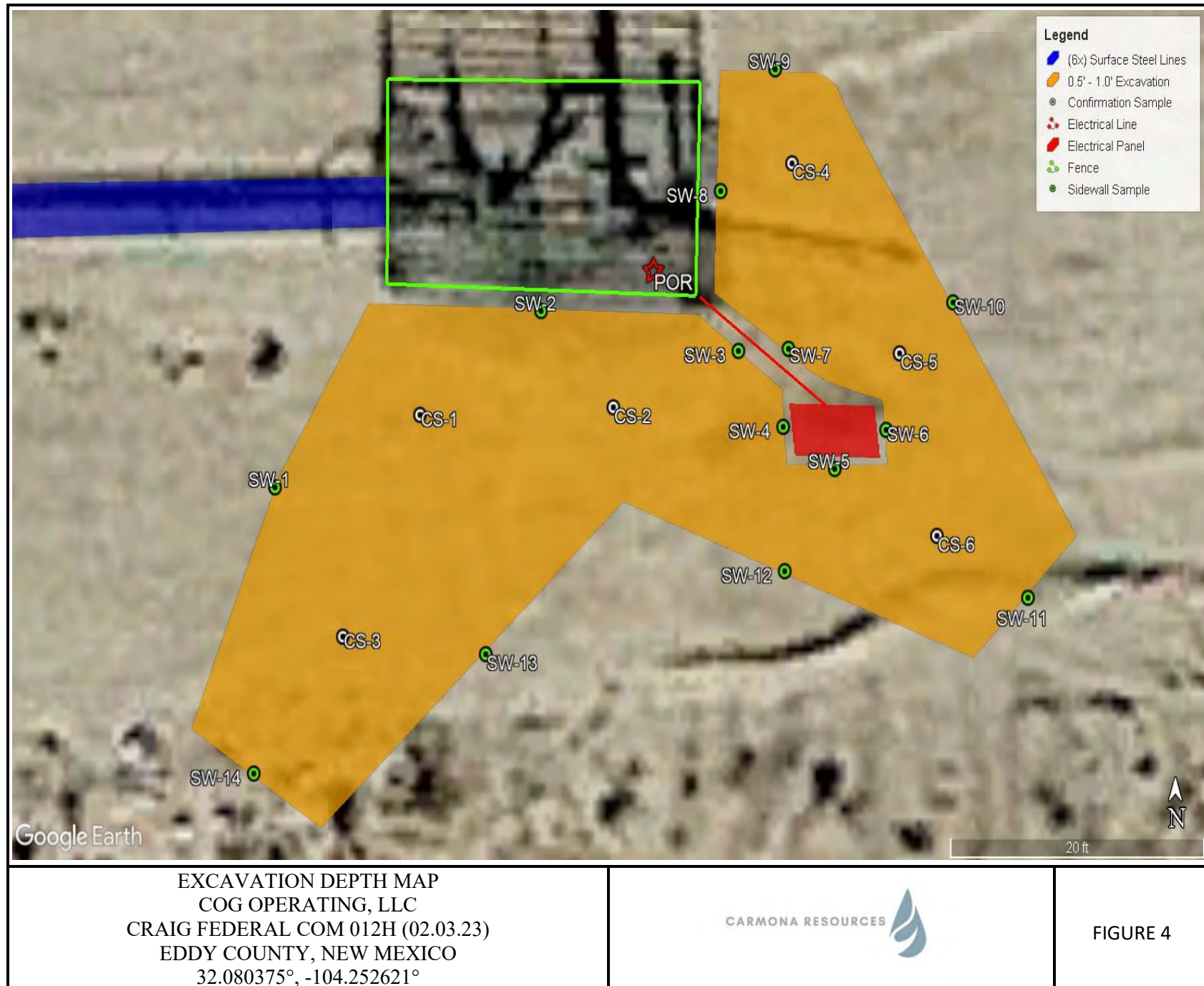


TOPOGRAPHIC MAP
 COG OPERATING, LLC
 CRAIG FEDERAL COM 012H (02.03.23)
 EDDY COUNTY, NEW MEXICO
 32.080375°, -104.252621°



FIGURE 2





APPENDIX A

CARMONA RESOURCES



Table 1
Conoco Phillips
Craig Federal Com 012H (02.03.23)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	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						
S-1	3/6/2023	0-0.25	<49.9	1,410	<49.9	1,410	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	461
	"	0.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	344
S-2	3/6/2023	0-0.25	<49.9	897	<49.9	897	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	212
	"	0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	279
H-1	3/6/2023	0-0.25	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	218
H-2	3/6/2023	0-0.25	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	61.6
H-3	3/6/2023	0-0.25	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	56.8
H-4	3/6/2023	0-0.25	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	245
H-5	3/6/2023	0-0.25	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	105
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

(S) - Sample Point

(H) - Horizontal

 Removed

Table 2
Conoco Phillips
Craig Federal Com 012H (02.03.23)
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	4/19/2023	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	94.4
CS-2	4/19/2023	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	313
CS-3	4/19/2023	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	341
CS-4	4/19/2023	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	175
CS-5	4/19/2023	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	650
	4/26/2023	1.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-6	4/19/2023	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	351
SW-1	4/19/2023	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	331
SW-2	4/19/2023	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	104
SW-3	4/19/2023	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	71.7
SW-4	4/19/2023	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	73.8
SW-5	4/19/2023	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	494
SW-6	4/19/2023	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	174
SW-7	4/19/2023	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	175
SW-8	4/19/2023	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	171
SW-9	4/19/2023	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	116
SW-10	4/19/2023	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	107
SW-11	4/19/2023	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	58.2
SW-12	4/19/2023	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	162
SW-13	4/19/2023	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	69.6
SW-14	4/19/2023	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	102
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

 Removed

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG**Concho Operating, LLC****Photograph No. 1**

80°E (T) 32.080361°, -104.252761° ±13ft ▲ 3350ft

Facility: Craig Federal Com 012H (02.03.23)**County:** Eddy County, New Mexico**Description:**

View East, area of CS-1 through CS-3

**Photograph No. 2**

319°NW (T) 32.080364°, -104.252528° ±9ft ▲ 3342ft

Facility: Craig Federal Com 012H (02.03.23)**County:** Eddy County, New Mexico**Description:**

View Northwest, area of CS-4 through CS-6.

**Photograph No. 3**

231°SW (T) 32.080464°, -104.252549° ±13ft ▲ 3348ft

Facility: Craig Federal Com 012H (02.03.23)**County:** Eddy County, New Mexico**Description:**

View Southwest, area of CS-4 through CS-6.



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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

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)	Volume Recovered (bbls)
☐ 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

Oil Conservation Division

Incident ID	
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?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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: _____	Title: _____
Signature: <u>Patricia Espinoza</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: _____	Date: _____

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

Page 4

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Printed Name: _____ Title: _____

Signature: Jocelyn Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 05/25/2023

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
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Printed Name: _____ Title: _____

Signature: Jocelyn Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 05/25/2023

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: Monday, April 17, 2023 5:03 PM
To: Conner Moehring
Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
Subject: RE: [EXTERNAL] COG - Craig Federal Com 012H (2.3.23) - Sampling Notification

Conner,

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: Conner Moehring <Cmoehring@carmonaresources.com>
Sent: Monday, April 17, 2023 7:26 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Mike Carmona <Mcarmona@carmonaresources.com>; Jacqui.Harris@conocophillips.com
Subject: [EXTERNAL] COG - Craig Federal Com 012H (2.3.23) - Sampling Notification

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

Good Morning,

On behalf of COG, Carmona Resources will collect confirmation samples for the below site on 04/19/23 around 1:00 p.m. Please let me know if you have any questions.

COG - Craig Federal Com 012H (2.3.23)
NAPP2306133645
Sec 01 T26S R26E Unit D
32.0772, -104.2521
Eddy County, New Mexico

Conner R. Moehring
310 West Wall Street, Suite 500
Midland Texas, 79701
M: 432-813-6823
Cmoehring@carmonaresources.com



APPENDIX D

CARMONA RESOURCES



Nearest water well

COG Operating

Legend

- 0.50 Mile Radius
- 1.72 Miles
- 1.91 Miles
- 2.24 Miles
- Craig Federal Com 012H (02.03.2023)
- NMSEO Water Well
- USGS Water Well



High Karst

COG Operating

Legend

-  Craig Federal Com 012H (02.03.2023)
-  High

Craig Federal Com 012H (02.03.2023)





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
C 01013	C	ED		4	25	25S	26E			571505	3551456*	2100	245		
C 02221	CUB	ED		4	3	2	25	25S	26E	571412	3551961*	2526	35		
C 02220	CUB	ED		3	1	2	26	25S	26E	569598	3552352*	2918	35		
C 02438	CUB	ED		4	2	3	12	26S	26E	571015	3546705*	2923	30		
C 04329 POD1	C	ED		2	2	2	27	25S	26E	568577	3552567	3566	57	14	43
C 02218	CUB	ED		4	1	4	07	26S	27E	573039	3546725*	3801	35		

Average Depth to Water: **14 feet**

Minimum Depth: **14 feet**

Maximum Depth: **14 feet**

Record Count: 6

UTM NAD83 Radius Search (in meters):

Easting (X): 570540.53

Northing (Y): 3549589.54

Radius: 4000

*UTM location was derived from PLSS - see Help

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

3/13/23 9:33 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

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 =

- 320616104142801

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 320616104142801 25S.26E.25.23231

Eddy County, New Mexico

Latitude 32°06'12.6", Longitude 104°14'33.9" NAD83

Land-surface elevation 3,188.60 feet above NGVD29

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

This well is completed in the Castile Formation (312CSTL) local aquifer.

Output formats

[Table of data](#)

[Tab-separated data](#)

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[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
1978-01-25			D	62610	3184.39	NGVD29	1		Z	
1978-01-25			D	62611	3186.05	NAVD88	1		Z	
1978-01-25			D	72019	4.21		1		Z	
1983-02-01			D	62610	3185.96	NGVD29	1		Z	
1983-02-01			D	62611	3187.62	NAVD88	1		Z	
1983-02-01			D	72019	2.64		1		Z	
1987-10-08			D	62610	3185.63	NGVD29	1		Z	
1987-10-08			D	62611	3187.29	NAVD88	1		Z	
1987-10-08			D	72019	2.97		1		Z	
1992-11-04			D	62610	3186.55	NGVD29	1		S	
1992-11-04			D	62611	3188.21	NAVD88	1		S	
1992-11-04			D	72019	2.05		1		S	
1998-01-07			D	62610	3186.62	NGVD29	1		S	
1998-01-07			D	62611	3188.28	NAVD88	1		S	
1998-01-07			D	72019	1.98		1		S	

Date	Time	?	?	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	?
		Water-level date-time accuracy	Parameter code				S
2003-01-28		D	62610	3181.38	NGVD29	1	USGS
2003-01-28		D	62611	3183.04	NAVD88	1	USGS
2003-01-28		D	72019	7.22		1	USGS
2013-01-09 22:45 UTC	m	62610	3177.78	NGVD29	1	S	USGS
2013-01-09 22:45 UTC	m	62611	3179.44	NAVD88	1	S	USGS
2013-01-09 22:45 UTC	m	72019	10.82		1	S	USGS
2018-02-13 22:15 UTC	m	62610	3174.64	NGVD29	1	S	USGS
2018-02-13 22:15 UTC	m	62611	3176.30	NAVD88	1	S	USGS
2018-02-13 22:15 UTC	m	72019	13.96		1	S	USGS

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
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
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels
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Page Last Modified: 2023-03-13 11:42:06 EDT
0.33 0.28 nadww01



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National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
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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 =

- 320320104145101

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

USGS 320320104145101 26S.26E.12.34120

Eddy County, New Mexico
Latitude 32°03'09.7", Longitude 104°14'56.7" NAD83
Land-surface elevation 3,230.90 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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
1978-01-25			D 62610		3217.55	NGVD29	1	Z		
1978-01-25			D 62611		3219.22	NAVD88	1	Z		
1978-01-25			D 72019	13.35			1	Z		
1992-11-18			D 62610		3218.87	NGVD29	1	S		
1992-11-18			D 62611		3220.54	NAVD88	1	S		
1992-11-18			D 72019	12.03			1	S		
1998-01-13			D 62610		3215.24	NGVD29	1	S		
1998-01-13			D 62611		3216.91	NAVD88	1	S		
1998-01-13			D 72019	15.66			1	S		
2003-01-28			D 62610		3214.44	NGVD29	1	S		USGS
2003-01-28			D 62611		3216.11	NAVD88	1	S		USGS
2003-01-28			D 72019	16.46			1	S		USGS
2013-01-09	22:10 UTC		m 62610		3213.80	NGVD29	1	S		USGS
2013-01-09	22:10 UTC		m 62611		3215.47	NAVD88	1	S		USGS
2013-01-09	22:10 UTC		m 72019	17.10			1	S		USGS

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
2018-02-15	22:14 UTC		m	62610	3218.30	NGVD29	1		S	USGS
2018-02-15	22:14 UTC		m	62611	3219.97	NAVD88	1		S	USGS
2018-02-15	22:14 UTC		m	72019	12.60		1		S	USGS

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
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
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
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?site_no=320320104145101&agency_cd=USGS&format=html

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

Page Last Modified: 2023-03-13 11:40:02 EDT

0.34 0.29 nadww02





New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
222B5	C 04329 POD1	2	2	2	27	25S	26E	568577	3552567 
Driller License: 1348		Driller Company:		TAYLOR WATER WELL SERVICE					
Driller Name:		CLINTON E TAYLOR							
Drill Start Date: 06/07/2019		Drill Finish Date:		06/08/2019		Plug Date:			
Log File Date: 06/17/2019		PCW Rev Date:				Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:		100 GPM	
Casing Size: 4.50		Depth Well:		57 feet		Depth Water:		14 feet	
Water Bearing Stratifications:		Top	Bottom	Description					
		14	24	Other/Unknown					
		24	57	Other/Unknown					
Casing Perforations:		Top	Bottom						
		20	57						

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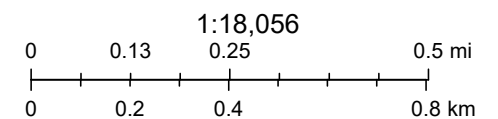
3/13/23 9:34 AM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



March 13, 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





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Generated 3/20/2023 3:43:03 PM

JOB DESCRIPTION

Craig Federal Com 012H
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-25738-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland**Job Notes**

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

Authorization

Generated
3/20/2023 3:43:03 PM

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

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Laboratory Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Table of Contents

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QC Sample Results	14
QC Association Summary	20
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Definitions/Glossary

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

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: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Job ID: 880-25738-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-25738-1**

Receipt

The samples were received on 3/9/2023 3:31 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 3.0°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-0.25') (880-25738-1), S-1 (0.5') (880-25738-2), S-2 (0-0.25') (880-25738-3), S-2 (0.5') (880-25738-4), H-1 (0-0.25') (880-25738-5), H-2 (0-0.25') (880-25738-6), H-3 (0-0.25') (880-25738-7), H-4 (0-0.25') (880-25738-8) and H-5 (0-0.25') (880-25738-9).

GC VOA

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: The surrogate recovery for the blank associated with preparation batch 880-48340 and analytical batch 880-48386 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-48340 and analytical batch 880-48386 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.

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 for preparation batch 880-48298 and analytical batch 880-48501 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: S-1 (0-0.25') (880-25738-1), S-1 (0.5') (880-25738-2), S-2 (0-0.25') (880-25738-3), S-2 (0.5') (880-25738-4), H-1 (0-0.25') (880-25738-5), H-2 (0-0.25') (880-25738-6), H-3 (0-0.25') (880-25738-7), H-4 (0-0.25') (880-25738-8), H-5 (0-0.25') (880-25738-9), (880-25738-A-1-B MS) and (880-25738-A-1-C MSD).

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

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (0-0.25')

Lab Sample ID: 880-25738-1

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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		03/14/23 14:47	03/19/23 01:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/14/23 14:47	03/19/23 01:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/14/23 14:47	03/19/23 01:17	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/14/23 14:47	03/19/23 01:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/14/23 14:47	03/19/23 01:17	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/14/23 14:47	03/19/23 01:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	03/14/23 14:47	03/19/23 01:17	1
1,4-Difluorobenzene (Surr)	85		70 - 130	03/14/23 14:47	03/19/23 01:17	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			03/19/23 16:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1410		49.9		mg/Kg			03/13/23 16:48	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		03/10/23 15:12	03/11/23 21:55	1
Diesel Range Organics (Over C10-C28)	1410	F1	49.9		mg/Kg		03/10/23 15:12	03/11/23 21:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/10/23 15:12	03/11/23 21:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	03/10/23 15:12	03/11/23 21:55	1
o-Terphenyl	114		70 - 130	03/10/23 15:12	03/11/23 21:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	461	F1	25.0		mg/Kg			03/13/23 22:53	5

Client Sample ID: S-1 (0.5')

Lab Sample ID: 880-25738-2

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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		03/14/23 14:47	03/19/23 01:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/14/23 14:47	03/19/23 01:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/14/23 14:47	03/19/23 01:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/14/23 14:47	03/19/23 01:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/14/23 14:47	03/19/23 01:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/14/23 14:47	03/19/23 01:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/14/23 14:47	03/19/23 01:37	1
1,4-Difluorobenzene (Surr)	89		70 - 130	03/14/23 14:47	03/19/23 01:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (0.5')

Lab Sample ID: 880-25738-2

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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			03/19/23 16:17	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			03/13/23 16:48	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		03/10/23 15:12	03/11/23 23:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/10/23 15:12	03/11/23 23:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/10/23 15:12	03/11/23 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				03/10/23 15:12	03/11/23 23:02	1
o-Terphenyl	114		70 - 130				03/10/23 15:12	03/11/23 23:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	344		5.02		mg/Kg			03/13/23 23:07	1

Client Sample ID: S-2 (0-0.25')

Lab Sample ID: 880-25738-3

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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		03/20/23 08:52	03/20/23 12:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/20/23 08:52	03/20/23 12:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/20/23 08:52	03/20/23 12:33	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/20/23 08:52	03/20/23 12:33	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/20/23 08:52	03/20/23 12:33	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/20/23 08:52	03/20/23 12:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				03/20/23 08:52	03/20/23 12:33	1
1,4-Difluorobenzene (Surr)	76		70 - 130				03/20/23 08:52	03/20/23 12:33	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			03/20/23 16:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	897		49.9		mg/Kg			03/13/23 16:48	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		03/10/23 15:12	03/11/23 23:24	1
Diesel Range Organics (Over C10-C28)	897		49.9		mg/Kg		03/10/23 15:12	03/11/23 23:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (0-0.25')

Lab Sample ID: 880-25738-3

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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		03/10/23 15:12	03/11/23 23:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				03/10/23 15:12	03/11/23 23:24	1
o-Terphenyl	101		70 - 130				03/10/23 15:12	03/11/23 23:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	212		5.05		mg/Kg			03/13/23 23:12	1

Client Sample ID: S-2 (0.5')

Lab Sample ID: 880-25738-4

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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		03/14/23 14:47	03/19/23 02:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/14/23 14:47	03/19/23 02:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/14/23 14:47	03/19/23 02:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/14/23 14:47	03/19/23 02:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/14/23 14:47	03/19/23 02:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/14/23 14:47	03/19/23 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				03/14/23 14:47	03/19/23 02:18	1
1,4-Difluorobenzene (Surr)	84		70 - 130				03/14/23 14:47	03/19/23 02:18	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			03/19/23 16:17	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			03/13/23 16:48	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		03/10/23 15:12	03/11/23 23:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/10/23 15:12	03/11/23 23:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/10/23 15:12	03/11/23 23:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				03/10/23 15:12	03/11/23 23:46	1
o-Terphenyl	105		70 - 130				03/10/23 15:12	03/11/23 23:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	279		5.04		mg/Kg			03/13/23 23:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Client Sample ID: H-1 (0-0.25')

Lab Sample ID: 880-25738-5

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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		03/14/23 14:47	03/19/23 02:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/14/23 14:47	03/19/23 02:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/14/23 14:47	03/19/23 02:38	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/14/23 14:47	03/19/23 02:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/14/23 14:47	03/19/23 02:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/14/23 14:47	03/19/23 02:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/14/23 14:47	03/19/23 02:38	1
1,4-Difluorobenzene (Surr)	90		70 - 130	03/14/23 14:47	03/19/23 02:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/19/23 16:17	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			03/13/23 16:48	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		03/10/23 15:12	03/12/23 00:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/10/23 15:12	03/12/23 00:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/10/23 15:12	03/12/23 00:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	03/10/23 15:12	03/12/23 00:07	1
o-Terphenyl	119		70 - 130	03/10/23 15:12	03/12/23 00:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	218		4.99		mg/Kg			03/13/23 23:31	1

Client Sample ID: H-2 (0-0.25')

Lab Sample ID: 880-25738-6

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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		03/14/23 14:47	03/19/23 02:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/14/23 14:47	03/19/23 02:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/14/23 14:47	03/19/23 02:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/14/23 14:47	03/19/23 02:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/14/23 14:47	03/19/23 02:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/14/23 14:47	03/19/23 02:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/14/23 14:47	03/19/23 02:59	1
1,4-Difluorobenzene (Surr)	90		70 - 130	03/14/23 14:47	03/19/23 02:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Client Sample ID: H-2 (0-0.25')

Lab Sample ID: 880-25738-6

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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			03/19/23 16:17	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			03/13/23 16:48	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		03/10/23 15:12	03/12/23 00:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/10/23 15:12	03/12/23 00:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/10/23 15:12	03/12/23 00:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				03/10/23 15:12	03/12/23 00:29	1
o-Terphenyl	117		70 - 130				03/10/23 15:12	03/12/23 00:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.6		5.00		mg/Kg			03/13/23 23:36	1

Client Sample ID: H-3 (0-0.25')

Lab Sample ID: 880-25738-7

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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		03/14/23 14:47	03/19/23 03:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/14/23 14:47	03/19/23 03:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/14/23 14:47	03/19/23 03:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/14/23 14:47	03/19/23 03:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/14/23 14:47	03/19/23 03:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/14/23 14:47	03/19/23 03:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				03/14/23 14:47	03/19/23 03:19	1
1,4-Difluorobenzene (Surr)	90		70 - 130				03/14/23 14:47	03/19/23 03:19	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			03/19/23 16:17	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			03/13/23 16:48	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		03/10/23 15:12	03/12/23 00:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/10/23 15:12	03/12/23 00:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Client Sample ID: H-3 (0-0.25')

Lab Sample ID: 880-25738-7

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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		03/10/23 15:12	03/12/23 00:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				03/10/23 15:12	03/12/23 00:51	1
o-Terphenyl	108		70 - 130				03/10/23 15:12	03/12/23 00:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.8		4.97		mg/Kg			03/13/23 23:41	1

Client Sample ID: H-4 (0-0.25')

Lab Sample ID: 880-25738-8

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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		03/14/23 14:47	03/19/23 03:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/14/23 14:47	03/19/23 03:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/14/23 14:47	03/19/23 03:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/14/23 14:47	03/19/23 03:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/14/23 14:47	03/19/23 03:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/14/23 14:47	03/19/23 03:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				03/14/23 14:47	03/19/23 03:39	1
1,4-Difluorobenzene (Surr)	90		70 - 130				03/14/23 14:47	03/19/23 03:39	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			03/19/23 16:17	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			03/13/23 16:48	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		03/10/23 15:12	03/12/23 01:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/10/23 15:12	03/12/23 01:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/10/23 15:12	03/12/23 01:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				03/10/23 15:12	03/12/23 01:13	1
o-Terphenyl	111		70 - 130				03/10/23 15:12	03/12/23 01:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	245		5.02		mg/Kg			03/13/23 23:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Client Sample ID: H-5 (0-0.25')

Lab Sample ID: 880-25738-9

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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		03/14/23 14:47	03/19/23 04:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/14/23 14:47	03/19/23 04:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/14/23 14:47	03/19/23 04:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/14/23 14:47	03/19/23 04:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/14/23 14:47	03/19/23 04:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/14/23 14:47	03/19/23 04:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	03/14/23 14:47	03/19/23 04:00	1
1,4-Difluorobenzene (Surr)	88		70 - 130	03/14/23 14:47	03/19/23 04:00	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			03/19/23 16:17	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			03/13/23 16:48	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		03/10/23 15:12	03/12/23 01:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/10/23 15:12	03/12/23 01:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/10/23 15:12	03/12/23 01:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	03/10/23 15:12	03/12/23 01:34	1
o-Terphenyl	116		70 - 130	03/10/23 15:12	03/12/23 01:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		5.01		mg/Kg			03/13/23 23:51	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-25738-1	S-1 (0-0.25')	93	85				
880-25738-1 MS	S-1 (0-0.25')	107	98				
880-25738-1 MSD	S-1 (0-0.25')	109	99				
880-25738-2	S-1 (0.5')	108	89				
880-25738-3	S-2 (0-0.25')	104	76				
880-25738-3 MS	S-2 (0-0.25')	109	94				
880-25738-3 MSD	S-2 (0-0.25')	115	82				
880-25738-4	S-2 (0.5')	92	84				
880-25738-5	H-1 (0-0.25')	110	90				
880-25738-6	H-2 (0-0.25')	108	90				
880-25738-7	H-3 (0-0.25')	110	90				
880-25738-8	H-4 (0-0.25')	80	90				
880-25738-9	H-5 (0-0.25')	86	88				
LCS 880-48617/1-A	Lab Control Sample	113	99				
LCS 880-48951/1-A	Lab Control Sample	85	91				
LCSD 880-48617/2-A	Lab Control Sample Dup	112	98				
LCSD 880-48951/2-A	Lab Control Sample Dup	83	109				
MB 880-48308/5-A	Method Blank	94	87				
MB 880-48617/5-A	Method Blank	99	86				
MB 880-48951/5-A	Method Blank	72	86				
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

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	1CO1	OTPH1						
		(70-130)	(70-130)						
880-25738-1	S-1 (0-0.25')	106	114						
880-25738-1 MS	S-1 (0-0.25')	115	112						
880-25738-1 MSD	S-1 (0-0.25')	121	120						
880-25738-2	S-1 (0.5')	110	114						
880-25738-3	S-2 (0-0.25')	91	101						
880-25738-4	S-2 (0.5')	96	105						
880-25738-5	H-1 (0-0.25')	112	119						
880-25738-6	H-2 (0-0.25')	112	117						
880-25738-7	H-3 (0-0.25')	103	108						
880-25738-8	H-4 (0-0.25')	106	111						
880-25738-9	H-5 (0-0.25')	109	116						
LCS 880-48340/2-A	Lab Control Sample	89	93						
LCSD 880-48340/3-A	Lab Control Sample Dup	89	96						
MB 880-48340/1-A	Method Blank	126	144 S1+						
Surrogate Legend									
1CO = 1-Chlorooctane									
OTPH = o-Terphenyl									

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-48308/5-A

Matrix: Solid

Analysis Batch: 48814

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48308

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/10/23 11:06	03/18/23 13:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/23 11:06	03/18/23 13:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/23 11:06	03/18/23 13:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/10/23 11:06	03/18/23 13:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/23 11:06	03/18/23 13:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/10/23 11:06	03/18/23 13:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	03/10/23 11:06	03/18/23 13:13	1
1,4-Difluorobenzene (Surr)	87		70 - 130	03/10/23 11:06	03/18/23 13:13	1

Lab Sample ID: MB 880-48617/5-A

Matrix: Solid

Analysis Batch: 48814

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48617

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/14/23 14:47	03/19/23 00:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/14/23 14:47	03/19/23 00:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/14/23 14:47	03/19/23 00:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/14/23 14:47	03/19/23 00:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/14/23 14:47	03/19/23 00:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/14/23 14:47	03/19/23 00:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	03/14/23 14:47	03/19/23 00:48	1
1,4-Difluorobenzene (Surr)	86		70 - 130	03/14/23 14:47	03/19/23 00:48	1

Lab Sample ID: LCS 880-48617/1-A

Matrix: Solid

Analysis Batch: 48814

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48617

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09224		mg/Kg		92	70 - 130
Toluene	0.100	0.09912		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.09653		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1965		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09975		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-48617/2-A

Matrix: Solid

Analysis Batch: 48814

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 48617

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08472		mg/Kg		85	70 - 130	8	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-48617/2-A

Matrix: Solid

Analysis Batch: 48814

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 48617

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09759		mg/Kg		98	70 - 130	2	35
Ethylbenzene	0.100	0.09669		mg/Kg		97	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1982		mg/Kg		99	70 - 130	1	35
o-Xylene	0.100	0.1006		mg/Kg		101	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-25738-1 MS

Matrix: Solid

Analysis Batch: 48814

Client Sample ID: S-1 (0-0.25')

Prep Type: Total/NA

Prep Batch: 48617

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.0998	0.07176		mg/Kg		72	70 - 130
Toluene	<0.00202	U	0.0998	0.07264		mg/Kg		73	70 - 130
Ethylbenzene	<0.00202	U	0.0998	0.07011		mg/Kg		70	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1435		mg/Kg		72	70 - 130
o-Xylene	<0.00202	U	0.0998	0.07339		mg/Kg		73	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-25738-1 MSD

Matrix: Solid

Analysis Batch: 48814

Client Sample ID: S-1 (0-0.25')

Prep Type: Total/NA

Prep Batch: 48617

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.08442		mg/Kg		84	70 - 130	16	35
Toluene	<0.00202	U	0.100	0.08503		mg/Kg		85	70 - 130	16	35
Ethylbenzene	<0.00202	U	0.100	0.08223		mg/Kg		82	70 - 130	16	35
m-Xylene & p-Xylene	<0.00403	U	0.201	0.1666		mg/Kg		83	70 - 130	15	35
o-Xylene	<0.00202	U	0.100	0.08626		mg/Kg		85	70 - 130	16	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-48951/5-A

Matrix: Solid

Analysis Batch: 48949

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48951

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/23 08:52	03/20/23 12:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/23 08:52	03/20/23 12:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/23 08:52	03/20/23 12:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/20/23 08:52	03/20/23 12:12	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-48951/5-A

Matrix: Solid

Analysis Batch: 48949

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48951

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/23 08:52	03/20/23 12:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/20/23 08:52	03/20/23 12:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130				03/20/23 08:52	03/20/23 12:12	1
1,4-Difluorobenzene (Surr)	86		70 - 130				03/20/23 08:52	03/20/23 12:12	1

Lab Sample ID: LCS 880-48951/1-A

Matrix: Solid

Analysis Batch: 48949

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48951

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1036		mg/Kg		104	70 - 130
Toluene	0.100	0.1035		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.09340		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1942		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09432		mg/Kg		94	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	85		70 - 130				
1,4-Difluorobenzene (Surr)	91		70 - 130				

Lab Sample ID: LCSD 880-48951/2-A

Matrix: Solid

Analysis Batch: 48949

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 48951

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1160		mg/Kg		116	70 - 130	11	35
Toluene	0.100	0.09918		mg/Kg		99	70 - 130	4	35
Ethylbenzene	0.100	0.08763		mg/Kg		88	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1829		mg/Kg		91	70 - 130	6	35
o-Xylene	0.100	0.08907		mg/Kg		89	70 - 130	6	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	83		70 - 130						
1,4-Difluorobenzene (Surr)	109		70 - 130						

Lab Sample ID: 880-25738-3 MS

Matrix: Solid

Analysis Batch: 48949

Client Sample ID: S-2 (0-0.25')

Prep Type: Total/NA

Prep Batch: 48951

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0998	0.08500		mg/Kg		85	70 - 130
Toluene	<0.00198	U	0.0998	0.08669		mg/Kg		87	70 - 130
Ethylbenzene	<0.00198	U	0.0998	0.08637		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1844		mg/Kg		92	70 - 130
o-Xylene	<0.00198	U	0.0998	0.08950		mg/Kg		89	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-25738-3 MS

Matrix: Solid

Analysis Batch: 48949

Client Sample ID: S-2 (0-0.25')

Prep Type: Total/NA

Prep Batch: 48951

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-25738-3 MSD

Matrix: Solid

Analysis Batch: 48949

Client Sample ID: S-2 (0-0.25')

Prep Type: Total/NA

Prep Batch: 48951

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.09692		mg/Kg		97	70 - 130	13	35
Toluene	<0.00198	U	0.100	0.09739		mg/Kg		97	70 - 130	12	35
Ethylbenzene	<0.00198	U	0.100	0.09262		mg/Kg		92	70 - 130	7	35
m-Xylene & p-Xylene	<0.00396	U	0.201	0.2046		mg/Kg		102	70 - 130	10	35
o-Xylene	<0.00198	U	0.100	0.1048		mg/Kg		104	70 - 130	16	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

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

Lab Sample ID: MB 880-48340/1-A

Matrix: Solid

Analysis Batch: 48386

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 48340

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		03/10/23 15:12	03/11/23 20:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/10/23 15:12	03/11/23 20:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/10/23 15:12	03/11/23 20:49	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	126		70 - 130	03/10/23 15:12	03/11/23 20:49	1			
o-Terphenyl	144	S1+	70 - 130	03/10/23 15:12	03/11/23 20:49	1			

Lab Sample ID: LCS 880-48340/2-A

Matrix: Solid

Analysis Batch: 48386

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 48340

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	934.4		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	831.1		mg/Kg		83	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	93		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-48340/3-A

Matrix: Solid

Analysis Batch: 48386

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 48340

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	956.3		mg/Kg		96	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	856.8		mg/Kg		86	70 - 130	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	89		70 - 130						
o-Terphenyl	96		70 - 130						

Lab Sample ID: 880-25738-1 MS

Matrix: Solid

Analysis Batch: 48386

Client Sample ID: S-1 (0-0.25')

Prep Type: Total/NA

Prep Batch: 48340

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	999	1087		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)	1410	F1	999	1296	F1	mg/Kg		-12	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	115		70 - 130								
o-Terphenyl	112		70 - 130								

Lab Sample ID: 880-25738-1 MSD

Matrix: Solid

Analysis Batch: 48386

Client Sample ID: S-1 (0-0.25')

Prep Type: Total/NA

Prep Batch: 48340

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	999	1159		mg/Kg		116	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1410	F1	999	1386	F1	mg/Kg		-3	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	121		70 - 130								
o-Terphenyl	120		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-48298/1-A

Matrix: Solid

Analysis Batch: 48501

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			03/13/23 21:31	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-48298/2-A

Matrix: Solid

Analysis Batch: 48501

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	272.0		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-48298/3-A

Matrix: Solid

Analysis Batch: 48501

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	272.4		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-25738-1 MS

Matrix: Solid

Analysis Batch: 48501

Client Sample ID: S-1 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	461	F1	1250	2060	F1	mg/Kg		128	90 - 110

Lab Sample ID: 880-25738-1 MSD

Matrix: Solid

Analysis Batch: 48501

Client Sample ID: S-1 (0-0.25')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	461	F1	1250	2063	F1	mg/Kg		128	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 48308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-48308/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 48617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25738-1	S-1 (0-0.25')	Total/NA	Solid	5035	
880-25738-2	S-1 (0.5')	Total/NA	Solid	5035	
880-25738-4	S-2 (0.5')	Total/NA	Solid	5035	
880-25738-5	H-1 (0-0.25')	Total/NA	Solid	5035	
880-25738-6	H-2 (0-0.25')	Total/NA	Solid	5035	
880-25738-7	H-3 (0-0.25')	Total/NA	Solid	5035	
880-25738-8	H-4 (0-0.25')	Total/NA	Solid	5035	
880-25738-9	H-5 (0-0.25')	Total/NA	Solid	5035	
MB 880-48617/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-48617/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-48617/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-25738-1 MS	S-1 (0-0.25')	Total/NA	Solid	5035	
880-25738-1 MSD	S-1 (0-0.25')	Total/NA	Solid	5035	

Analysis Batch: 48814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25738-1	S-1 (0-0.25')	Total/NA	Solid	8021B	48617
880-25738-2	S-1 (0.5')	Total/NA	Solid	8021B	48617
880-25738-4	S-2 (0.5')	Total/NA	Solid	8021B	48617
880-25738-5	H-1 (0-0.25')	Total/NA	Solid	8021B	48617
880-25738-6	H-2 (0-0.25')	Total/NA	Solid	8021B	48617
880-25738-7	H-3 (0-0.25')	Total/NA	Solid	8021B	48617
880-25738-8	H-4 (0-0.25')	Total/NA	Solid	8021B	48617
880-25738-9	H-5 (0-0.25')	Total/NA	Solid	8021B	48617
MB 880-48308/5-A	Method Blank	Total/NA	Solid	8021B	48308
MB 880-48617/5-A	Method Blank	Total/NA	Solid	8021B	48617
LCS 880-48617/1-A	Lab Control Sample	Total/NA	Solid	8021B	48617
LCSD 880-48617/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	48617
880-25738-1 MS	S-1 (0-0.25')	Total/NA	Solid	8021B	48617
880-25738-1 MSD	S-1 (0-0.25')	Total/NA	Solid	8021B	48617

Analysis Batch: 48925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25738-1	S-1 (0-0.25')	Total/NA	Solid	Total BTEX	
880-25738-2	S-1 (0.5')	Total/NA	Solid	Total BTEX	
880-25738-3	S-2 (0-0.25')	Total/NA	Solid	Total BTEX	
880-25738-4	S-2 (0.5')	Total/NA	Solid	Total BTEX	
880-25738-5	H-1 (0-0.25')	Total/NA	Solid	Total BTEX	
880-25738-6	H-2 (0-0.25')	Total/NA	Solid	Total BTEX	
880-25738-7	H-3 (0-0.25')	Total/NA	Solid	Total BTEX	
880-25738-8	H-4 (0-0.25')	Total/NA	Solid	Total BTEX	
880-25738-9	H-5 (0-0.25')	Total/NA	Solid	Total BTEX	

Analysis Batch: 48949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25738-3	S-2 (0-0.25')	Total/NA	Solid	8021B	48951
MB 880-48951/5-A	Method Blank	Total/NA	Solid	8021B	48951

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 48949 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-48951/1-A	Lab Control Sample	Total/NA	Solid	8021B	48951
LCSD 880-48951/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	48951
880-25738-3 MS	S-2 (0-0.25')	Total/NA	Solid	8021B	48951
880-25738-3 MSD	S-2 (0-0.25')	Total/NA	Solid	8021B	48951

Prep Batch: 48951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25738-3	S-2 (0-0.25')	Total/NA	Solid	5035	
MB 880-48951/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-48951/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-48951/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-25738-3 MS	S-2 (0-0.25')	Total/NA	Solid	5035	
880-25738-3 MSD	S-2 (0-0.25')	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 48340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25738-1	S-1 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-25738-2	S-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-25738-3	S-2 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-25738-4	S-2 (0.5')	Total/NA	Solid	8015NM Prep	
880-25738-5	H-1 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-25738-6	H-2 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-25738-7	H-3 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-25738-8	H-4 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-25738-9	H-5 (0-0.25')	Total/NA	Solid	8015NM Prep	
MB 880-48340/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-48340/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-48340/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-25738-1 MS	S-1 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-25738-1 MSD	S-1 (0-0.25')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 48386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25738-1	S-1 (0-0.25')	Total/NA	Solid	8015B NM	48340
880-25738-2	S-1 (0.5')	Total/NA	Solid	8015B NM	48340
880-25738-3	S-2 (0-0.25')	Total/NA	Solid	8015B NM	48340
880-25738-4	S-2 (0.5')	Total/NA	Solid	8015B NM	48340
880-25738-5	H-1 (0-0.25')	Total/NA	Solid	8015B NM	48340
880-25738-6	H-2 (0-0.25')	Total/NA	Solid	8015B NM	48340
880-25738-7	H-3 (0-0.25')	Total/NA	Solid	8015B NM	48340
880-25738-8	H-4 (0-0.25')	Total/NA	Solid	8015B NM	48340
880-25738-9	H-5 (0-0.25')	Total/NA	Solid	8015B NM	48340
MB 880-48340/1-A	Method Blank	Total/NA	Solid	8015B NM	48340
LCS 880-48340/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	48340
LCSD 880-48340/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	48340
880-25738-1 MS	S-1 (0-0.25')	Total/NA	Solid	8015B NM	48340
880-25738-1 MSD	S-1 (0-0.25')	Total/NA	Solid	8015B NM	48340

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

GC Semi VOA

Analysis Batch: 48526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25738-1	S-1 (0-0.25')	Total/NA	Solid	8015 NM	
880-25738-2	S-1 (0.5')	Total/NA	Solid	8015 NM	
880-25738-3	S-2 (0-0.25')	Total/NA	Solid	8015 NM	
880-25738-4	S-2 (0.5')	Total/NA	Solid	8015 NM	
880-25738-5	H-1 (0-0.25')	Total/NA	Solid	8015 NM	
880-25738-6	H-2 (0-0.25')	Total/NA	Solid	8015 NM	
880-25738-7	H-3 (0-0.25')	Total/NA	Solid	8015 NM	
880-25738-8	H-4 (0-0.25')	Total/NA	Solid	8015 NM	
880-25738-9	H-5 (0-0.25')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 48298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25738-1	S-1 (0-0.25')	Soluble	Solid	DI Leach	
880-25738-2	S-1 (0.5')	Soluble	Solid	DI Leach	
880-25738-3	S-2 (0-0.25')	Soluble	Solid	DI Leach	
880-25738-4	S-2 (0.5')	Soluble	Solid	DI Leach	
880-25738-5	H-1 (0-0.25')	Soluble	Solid	DI Leach	
880-25738-6	H-2 (0-0.25')	Soluble	Solid	DI Leach	
880-25738-7	H-3 (0-0.25')	Soluble	Solid	DI Leach	
880-25738-8	H-4 (0-0.25')	Soluble	Solid	DI Leach	
880-25738-9	H-5 (0-0.25')	Soluble	Solid	DI Leach	
MB 880-48298/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-48298/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-48298/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-25738-1 MS	S-1 (0-0.25')	Soluble	Solid	DI Leach	
880-25738-1 MSD	S-1 (0-0.25')	Soluble	Solid	DI Leach	

Analysis Batch: 48501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25738-1	S-1 (0-0.25')	Soluble	Solid	300.0	48298
880-25738-2	S-1 (0.5')	Soluble	Solid	300.0	48298
880-25738-3	S-2 (0-0.25')	Soluble	Solid	300.0	48298
880-25738-4	S-2 (0.5')	Soluble	Solid	300.0	48298
880-25738-5	H-1 (0-0.25')	Soluble	Solid	300.0	48298
880-25738-6	H-2 (0-0.25')	Soluble	Solid	300.0	48298
880-25738-7	H-3 (0-0.25')	Soluble	Solid	300.0	48298
880-25738-8	H-4 (0-0.25')	Soluble	Solid	300.0	48298
880-25738-9	H-5 (0-0.25')	Soluble	Solid	300.0	48298
MB 880-48298/1-A	Method Blank	Soluble	Solid	300.0	48298
LCS 880-48298/2-A	Lab Control Sample	Soluble	Solid	300.0	48298
LCSD 880-48298/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	48298
880-25738-1 MS	S-1 (0-0.25')	Soluble	Solid	300.0	48298
880-25738-1 MSD	S-1 (0-0.25')	Soluble	Solid	300.0	48298

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (0-0.25')

Lab Sample ID: 880-25738-1

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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	48617	03/14/23 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	48814	03/19/23 01:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			48925	03/19/23 16:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			48526	03/13/23 16:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48340	03/10/23 15:12	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48386	03/11/23 21:55	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48298	03/10/23 10:18	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	48501	03/13/23 22:53	SMC	EET MID

Client Sample ID: S-1 (0.5')

Lab Sample ID: 880-25738-2

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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	48617	03/14/23 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	48814	03/19/23 01:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			48925	03/19/23 16:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			48526	03/13/23 16:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48340	03/10/23 15:12	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48386	03/11/23 23:02	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	48298	03/10/23 10:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	48501	03/13/23 23:07	SMC	EET MID

Client Sample ID: S-2 (0-0.25')

Lab Sample ID: 880-25738-3

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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	48951	03/20/23 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	48949	03/20/23 12:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			48925	03/20/23 16:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			48526	03/13/23 16:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48340	03/10/23 15:12	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48386	03/11/23 23:24	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	48298	03/10/23 10:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	48501	03/13/23 23:12	SMC	EET MID

Client Sample ID: S-2 (0.5')

Lab Sample ID: 880-25738-4

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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	48617	03/14/23 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	48814	03/19/23 02:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			48925	03/19/23 16:17	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (0.5')

Lab Sample ID: 880-25738-4

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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			48526	03/13/23 16:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48340	03/10/23 15:12	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48386	03/11/23 23:46	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	48298	03/10/23 10:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	48501	03/13/23 23:27	SMC	EET MID

Client Sample ID: H-1 (0-0.25')

Lab Sample ID: 880-25738-5

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	48617	03/14/23 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	48814	03/19/23 02:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			48925	03/19/23 16:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			48526	03/13/23 16:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48340	03/10/23 15:12	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48386	03/12/23 00:07	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	48298	03/10/23 10:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	48501	03/13/23 23:31	SMC	EET MID

Client Sample ID: H-2 (0-0.25')

Lab Sample ID: 880-25738-6

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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	48617	03/14/23 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	48814	03/19/23 02:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			48925	03/19/23 16:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			48526	03/13/23 16:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48340	03/10/23 15:12	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48386	03/12/23 00:29	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48298	03/10/23 10:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	48501	03/13/23 23:36	SMC	EET MID

Client Sample ID: H-3 (0-0.25')

Lab Sample ID: 880-25738-7

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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	48617	03/14/23 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	48814	03/19/23 03:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			48925	03/19/23 16:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			48526	03/13/23 16:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48340	03/10/23 15:12	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48386	03/12/23 00:51	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Client Sample ID: H-3 (0-0.25')

Lab Sample ID: 880-25738-7

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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	48298	03/10/23 10:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	48501	03/13/23 23:41	SMC	EET MID

Client Sample ID: H-4 (0-0.25')

Lab Sample ID: 880-25738-8

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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	48617	03/14/23 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	48814	03/19/23 03:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			48925	03/19/23 16:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			48526	03/13/23 16:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48340	03/10/23 15:12	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48386	03/12/23 01:13	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	48298	03/10/23 10:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	48501	03/13/23 23:46	SMC	EET MID

Client Sample ID: H-5 (0-0.25')

Lab Sample ID: 880-25738-9

Date Collected: 03/06/23 00:00

Matrix: Solid

Date Received: 03/09/23 15:31

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	48617	03/14/23 14:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	48814	03/19/23 04:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			48925	03/19/23 16:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			48526	03/13/23 16:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48340	03/10/23 15:12	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48386	03/12/23 01:34	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	48298	03/10/23 10:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	48501	03/13/23 23:51	SMC	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: Craig Federal Com 012H

Job ID: 880-25738-1
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: Craig Federal Com 012H

Job ID: 880-25738-1
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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-25738-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-25738-1	S-1 (0-0.25')	Solid	03/06/23 00:00	03/09/23 15:31
880-25738-2	S-1 (0.5')	Solid	03/06/23 00:00	03/09/23 15:31
880-25738-3	S-2 (0-0.25')	Solid	03/06/23 00:00	03/09/23 15:31
880-25738-4	S-2 (0.5')	Solid	03/06/23 00:00	03/09/23 15:31
880-25738-5	H-1 (0-0.25')	Solid	03/06/23 00:00	03/09/23 15:31
880-25738-6	H-2 (0-0.25')	Solid	03/06/23 00:00	03/09/23 15:31
880-25738-7	H-3 (0-0.25')	Solid	03/06/23 00:00	03/09/23 15:31
880-25738-8	H-4 (0-0.25')	Solid	03/06/23 00:00	03/09/23 15:31
880-25738-9	H-5 (0-0.25')	Solid	03/06/23 00:00	03/09/23 15:31

Work Order No: 85738

Page 1 of 1

Project Manager	Conner Moehring	Bill to (if different)	Jacqui Harris
Company Name	Cammona Resources	Company Name	COG
Address	310 W Wall St Ste 500	Address	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving, NM 88258
Phone	432-813-6823	Email	jacqui.harris@concochillips.com

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

Project Name	Craig Federal Com 012H	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number	1246																None NO	DI Water H ₂ O
Project Location	Eddy County, New Mexico	Due Date	72 Hrs														Cool Cool	MeOH Me
Sampler's Name	GPJ																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 S APC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments	
S-1 (0-0.25)	3/6/2023		X		G	1	BTEX 8021B										402	
S-1 (0.5)	3/6/2023		X		G	1	TPH 8015M (GRO + DRO + MRO)											
S-2 (0-0.25)	3/6/2023		X		G	1	Chloride 300.0											
S-2 (0.5)	3/6/2023		X		G	1												
H-1 (0-0.25)	3/6/2023		X		G	1												
H-2 (0-0.25)	3/6/2023		X		G	1												
H-3 (0-0.25)	3/6/2023		X		G	1												
H-4 (0-0.25)	3/6/2023		X		G	1												
H-5 (0-0.25)	3/6/2023		X		G	1												

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



880-25738 Chain of Custody

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	3/9/23 1531	<i>[Signature]</i>	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-25738-1

SDG Number: Eddy County, New Mexico

Login Number: 25738

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	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/21/2023 1:43:16 PM

JOB DESCRIPTION

Craig Federal Com 012H
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-27431-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
4/21/2023 1:43:16 PM

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

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Laboratory Job ID: 880-27431-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
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.
▫	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: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Job ID: 880-27431-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-27431-1

Receipt

The samples were received on 4/20/2023 3:10 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 1.0°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (0.5') (880-27431-1), CS-2 (0.5') (880-27431-2), CS-3 (0.5') (880-27431-3), CS-4 (0.5') (880-27431-4), CS-5 (0.5') (880-27431-5), CS-6 (0.5') (880-27431-6), SW-1 (0.5') (880-27431-7), SW-2 (0.5') (880-27431-8), SW-3 (0.5') (880-27431-9), SW-4 (0.5') (880-27431-10), SW-5 (0.5') (880-27431-11), SW-6 (0.5') (880-27431-12), SW-7 (0.5') (880-27431-13), SW-8 (0.5') (880-27431-14), SW-9 (0.5') (880-27431-15), SW-10 (0.5') (880-27431-16), SW-11 (0.5') (880-27431-17), SW-12 (0.5') (880-27431-18), SW-13 (0.5') (880-27431-19) and SW-14 (0.5') (880-27431-20).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-2 (0.5') (880-27431-2), CS-4 (0.5') (880-27431-4), CS-6 (0.5') (880-27431-6), SW-1 (0.5') (880-27431-7), SW-3 (0.5') (880-27431-9), SW-5 (0.5') (880-27431-11), SW-6 (0.5') (880-27431-12), SW-7 (0.5') (880-27431-13), SW-8 (0.5') (880-27431-14) and SW-9 (0.5') (880-27431-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-51573 recovered above the upper control limit for Benzene, Toluene, Ethylbenzene, m-Xylene & p-Xylene and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-13 (0.5') (880-27431-19) and SW-14 (0.5') (880-27431-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-4 (0.5') (880-27431-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-11 (0.5') (880-27431-17) and SW-12 (0.5') (880-27431-18). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-2 (0.5') (880-27431-8) and SW-10 (0.5') (880-27431-16). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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 sample was outside control limits: (880-27431-A-1-I MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-3 (0.5') (880-27431-3), CS-5 (0.5') (880-27431-5), SW-1 (0.5') (880-27431-7) and SW-3 (0.5') (880-27431-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-51631 and analytical batch 880-51565 was outside control limits. Sample non-homogeneity is suspected.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-51567/5). Evidence of matrix interferences is not obvious.

Case Narrative

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Job ID: 880-27431-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-7 (0.5') (880-27431-13) and SW-8 (0.5') (880-27431-14). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-11 (0.5') (880-27431-17) and SW-12 (0.5') (880-27431-18). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (0.5')

Lab Sample ID: 880-27431-1

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 02:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/20/23 15:15	04/21/23 02:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/20/23 15:15	04/21/23 02:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/20/23 15:15	04/21/23 02:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/20/23 15:15	04/21/23 02:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/20/23 15:15	04/21/23 02:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	04/20/23 15:15	04/21/23 02:47	1
1,4-Difluorobenzene (Surr)	71		70 - 130	04/20/23 15:15	04/21/23 02:47	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			04/21/23 13:10	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			04/21/23 10:11	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		04/20/23 15:57	04/21/23 01:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U F2	49.8		mg/Kg		04/20/23 15:57	04/21/23 01:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/20/23 15:57	04/21/23 01:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	04/20/23 15:57	04/21/23 01:07	1
o-Terphenyl	113		70 - 130	04/20/23 15:57	04/21/23 01:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.4		5.00		mg/Kg			04/21/23 04:28	1

Client Sample ID: CS-2 (0.5')

Lab Sample ID: 880-27431-2

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 03:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/20/23 15:15	04/21/23 03:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/20/23 15:15	04/21/23 03:14	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/20/23 15:15	04/21/23 03:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/20/23 15:15	04/21/23 03:14	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/20/23 15:15	04/21/23 03:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	04/20/23 15:15	04/21/23 03:14	1
1,4-Difluorobenzene (Surr)	78		70 - 130	04/20/23 15:15	04/21/23 03:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-2 (0.5')

Lab Sample ID: 880-27431-2

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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			04/21/23 13:10	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			04/21/23 10:11	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		04/20/23 15:57	04/21/23 02:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/23 15:57	04/21/23 02:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/23 15:57	04/21/23 02:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				04/20/23 15:57	04/21/23 02:12	1
o-Terphenyl	109		70 - 130				04/20/23 15:57	04/21/23 02:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	313		5.01		mg/Kg			04/21/23 04:42	1

Client Sample ID: CS-3 (0.5')

Lab Sample ID: 880-27431-3

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 03:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 03:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 03:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/23 15:15	04/21/23 03:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 03:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/23 15:15	04/21/23 03:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				04/20/23 15:15	04/21/23 03:40	1
1,4-Difluorobenzene (Surr)	71		70 - 130				04/20/23 15:15	04/21/23 03:40	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			04/21/23 13:10	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			04/21/23 10:11	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		04/20/23 15:57	04/21/23 02:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 02:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-3 (0.5')

Lab Sample ID: 880-27431-3

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 02:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				04/20/23 15:57	04/21/23 02:34	1
o-Terphenyl	131	S1+	70 - 130				04/20/23 15:57	04/21/23 02:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	341		5.03		mg/Kg			04/21/23 04:46	1

Client Sample ID: CS-4 (0.5')

Lab Sample ID: 880-27431-4

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 04:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 04:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 04:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/23 15:15	04/21/23 04:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 04:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/23 15:15	04/21/23 04:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130				04/20/23 15:15	04/21/23 04:07	1
1,4-Difluorobenzene (Surr)	81		70 - 130				04/20/23 15:15	04/21/23 04:07	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			04/21/23 13:10	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			04/21/23 10:11	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		04/20/23 15:57	04/21/23 02:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 02:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 02:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				04/20/23 15:57	04/21/23 02:55	1
o-Terphenyl	119		70 - 130				04/20/23 15:57	04/21/23 02:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	175		4.98		mg/Kg			04/21/23 04:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-5 (0.5')

Lab Sample ID: 880-27431-5

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 04:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 04:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 04:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/20/23 15:15	04/21/23 04:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 04:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/20/23 15:15	04/21/23 04:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	04/20/23 15:15	04/21/23 04:34	1
1,4-Difluorobenzene (Surr)	79		70 - 130	04/20/23 15:15	04/21/23 04:34	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			04/21/23 13:10	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			04/21/23 10:11	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		04/20/23 15:57	04/21/23 03:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 03:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 03:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130	04/20/23 15:57	04/21/23 03:17	1
o-Terphenyl	135	S1+	70 - 130	04/20/23 15:57	04/21/23 03:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	650		5.02		mg/Kg			04/21/23 04:55	1

Client Sample ID: CS-6 (0.5')

Lab Sample ID: 880-27431-6

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 05:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 05:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 05:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/23 15:15	04/21/23 05:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 05:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/23 15:15	04/21/23 05:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	04/20/23 15:15	04/21/23 05:01	1
1,4-Difluorobenzene (Surr)	76		70 - 130	04/20/23 15:15	04/21/23 05:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-6 (0.5')

Lab Sample ID: 880-27431-6

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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			04/21/23 13:10	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			04/21/23 10:11	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		04/20/23 15:57	04/21/23 03:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/20/23 15:57	04/21/23 03:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/20/23 15:57	04/21/23 03:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				04/20/23 15:57	04/21/23 03:39	1
o-Terphenyl	129		70 - 130				04/20/23 15:57	04/21/23 03:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	351		5.05		mg/Kg			04/21/23 05:09	1

Client Sample ID: SW-1 (0.5')

Lab Sample ID: 880-27431-7

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 05:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 05:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 05:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/23 15:15	04/21/23 05:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 05:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/23 15:15	04/21/23 05:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130				04/20/23 15:15	04/21/23 05:27	1
1,4-Difluorobenzene (Surr)	72		70 - 130				04/20/23 15:15	04/21/23 05:27	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			04/21/23 13:10	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			04/21/23 10:11	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		04/20/23 15:57	04/21/23 04:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/20/23 15:57	04/21/23 04:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-1 (0.5')

Lab Sample ID: 880-27431-7

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:57	04/21/23 04:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				04/20/23 15:57	04/21/23 04:00	1
o-Terphenyl	130		70 - 130				04/20/23 15:57	04/21/23 04:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	331		5.04		mg/Kg			04/21/23 05:14	1

Client Sample ID: SW-2 (0.5')

Lab Sample ID: 880-27431-8

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 05:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 05:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 05:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/20/23 15:15	04/21/23 05:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 05:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/20/23 15:15	04/21/23 05:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				04/20/23 15:15	04/21/23 05:53	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/20/23 15:15	04/21/23 05:53	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			04/21/23 13:35	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			04/21/23 10:11	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		04/20/23 15:57	04/21/23 04:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 04:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 04:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				04/20/23 15:57	04/21/23 04:22	1
o-Terphenyl	103		70 - 130				04/20/23 15:57	04/21/23 04:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		4.98		mg/Kg			04/21/23 05:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-3 (0.5')

Lab Sample ID: 880-27431-9

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 06:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/20/23 15:15	04/21/23 06:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/20/23 15:15	04/21/23 06:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/20/23 15:15	04/21/23 06:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/20/23 15:15	04/21/23 06:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/20/23 15:15	04/21/23 06:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	04/20/23 15:15	04/21/23 06:20	1
1,4-Difluorobenzene (Surr)	71		70 - 130	04/20/23 15:15	04/21/23 06:20	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			04/21/23 13:10	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			04/21/23 10:11	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		04/20/23 15:57	04/21/23 04:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/23 15:57	04/21/23 04:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/23 15:57	04/21/23 04:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130	04/20/23 15:57	04/21/23 04:44	1
o-Terphenyl	137	S1+	70 - 130	04/20/23 15:57	04/21/23 04:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.7		4.95		mg/Kg			04/21/23 05:23	1

Client Sample ID: SW-4 (0.5')

Lab Sample ID: 880-27431-10

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 06:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 06:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 06:47	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/20/23 15:15	04/21/23 06:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 06:47	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/20/23 15:15	04/21/23 06:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	04/20/23 15:15	04/21/23 06:47	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/20/23 15:15	04/21/23 06:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-4 (0.5')

Lab Sample ID: 880-27431-10

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/21/23 13:10	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			04/21/23 10:11	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		04/20/23 15:57	04/21/23 05:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 05:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 05:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				04/20/23 15:57	04/21/23 05:06	1
o-Terphenyl	122		70 - 130				04/20/23 15:57	04/21/23 05:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.8		5.04		mg/Kg			04/21/23 05:28	1

Client Sample ID: SW-5 (0.5')

Lab Sample ID: 880-27431-11

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 08:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 08:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 08:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/23 15:15	04/21/23 08:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 08:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/23 15:15	04/21/23 08:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130				04/20/23 15:15	04/21/23 08:33	1
1,4-Difluorobenzene (Surr)	82		70 - 130				04/20/23 15:15	04/21/23 08:33	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			04/21/23 13:10	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			04/21/23 10:11	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		04/20/23 15:57	04/21/23 05:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 05:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-5 (0.5')

Lab Sample ID: 880-27431-11

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 05:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				04/20/23 15:57	04/21/23 05:28	1
o-Terphenyl	110		70 - 130				04/20/23 15:57	04/21/23 05:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	494		5.01		mg/Kg			04/21/23 05:32	1

Client Sample ID: SW-6 (0.5')

Lab Sample ID: 880-27431-12

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 09:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 09:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 09:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/23 15:15	04/21/23 09:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 09:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/23 15:15	04/21/23 09:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				04/20/23 15:15	04/21/23 09:00	1
1,4-Difluorobenzene (Surr)	78		70 - 130				04/20/23 15:15	04/21/23 09:00	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			04/21/23 13:10	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			04/21/23 10:11	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		04/20/23 15:57	04/21/23 05:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/23 15:57	04/21/23 05:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/23 15:57	04/21/23 05:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				04/20/23 15:57	04/21/23 05:49	1
o-Terphenyl	109		70 - 130				04/20/23 15:57	04/21/23 05:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	174		4.97		mg/Kg			04/21/23 05:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-7 (0.5')

Lab Sample ID: 880-27431-13

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 09:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 09:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 09:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/20/23 15:15	04/21/23 09:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 09:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/20/23 15:15	04/21/23 09:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130	04/20/23 15:15	04/21/23 09:26	1
1,4-Difluorobenzene (Surr)	78		70 - 130	04/20/23 15:15	04/21/23 09:26	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			04/21/23 13:10	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			04/21/23 11:10	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		04/20/23 15:57	04/21/23 03:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/23 15:57	04/21/23 03:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/23 15:57	04/21/23 03:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	04/20/23 15:57	04/21/23 03:17	1
o-Terphenyl	135	S1+	70 - 130	04/20/23 15:57	04/21/23 03:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	175		4.96		mg/Kg			04/21/23 05:50	1

Client Sample ID: SW-8 (0.5')

Lab Sample ID: 880-27431-14

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 09:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/20/23 15:15	04/21/23 09:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/20/23 15:15	04/21/23 09:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/20/23 15:15	04/21/23 09:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/20/23 15:15	04/21/23 09:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/20/23 15:15	04/21/23 09:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	04/20/23 15:15	04/21/23 09:52	1
1,4-Difluorobenzene (Surr)	73		70 - 130	04/20/23 15:15	04/21/23 09:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-8 (0.5')

Lab Sample ID: 880-27431-14

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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			04/21/23 13:10	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			04/21/23 11:10	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		04/20/23 15:57	04/21/23 03:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/20/23 15:57	04/21/23 03:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/20/23 15:57	04/21/23 03:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				04/20/23 15:57	04/21/23 03:39	1
o-Terphenyl	144	S1+	70 - 130				04/20/23 15:57	04/21/23 03:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	171		5.00		mg/Kg			04/21/23 06:04	1

Client Sample ID: SW-9 (0.5')

Lab Sample ID: 880-27431-15

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 10:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 10:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 10:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/20/23 15:15	04/21/23 10:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 10:19	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/20/23 15:15	04/21/23 10:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130				04/20/23 15:15	04/21/23 10:19	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/20/23 15:15	04/21/23 10:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/21/23 13:10	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			04/21/23 11:10	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		04/20/23 15:57	04/21/23 04:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/20/23 15:57	04/21/23 04:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-9 (0.5')

Lab Sample ID: 880-27431-15

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:57	04/21/23 04:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				04/20/23 15:57	04/21/23 04:00	1
o-Terphenyl	130		70 - 130				04/20/23 15:57	04/21/23 04:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		5.03		mg/Kg			04/21/23 06:09	1

Client Sample ID: SW-10 (0.5')

Lab Sample ID: 880-27431-16

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 10:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 10:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 10:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/23 15:15	04/21/23 10:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 10:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/23 15:15	04/21/23 10:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				04/20/23 15:15	04/21/23 10:45	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130				04/20/23 15:15	04/21/23 10:45	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			04/21/23 13:35	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			04/21/23 11:10	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		04/20/23 15:57	04/21/23 04:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 04:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 04:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				04/20/23 15:57	04/21/23 04:22	1
o-Terphenyl	125		70 - 130				04/20/23 15:57	04/21/23 04:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		4.99		mg/Kg			04/21/23 06:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-11 (0.5')

Lab Sample ID: 880-27431-17

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 11:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 11:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 11:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/23 15:15	04/21/23 11:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/23 15:15	04/21/23 11:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/23 15:15	04/21/23 11:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130	04/20/23 15:15	04/21/23 11:11	1
1,4-Difluorobenzene (Surr)	78		70 - 130	04/20/23 15:15	04/21/23 11:11	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			04/21/23 13:10	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			04/21/23 11:10	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		04/20/23 15:57	04/21/23 04:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 04:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 04:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	04/20/23 15:57	04/21/23 04:44	1
o-Terphenyl	134	S1+	70 - 130	04/20/23 15:57	04/21/23 04:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.2		5.04		mg/Kg			04/21/23 06:18	1

Client Sample ID: SW-12 (0.5')

Lab Sample ID: 880-27431-18

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 11:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 11:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 11:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/20/23 15:15	04/21/23 11:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 11:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/20/23 15:15	04/21/23 11:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130	04/20/23 15:15	04/21/23 11:37	1
1,4-Difluorobenzene (Surr)	76		70 - 130	04/20/23 15:15	04/21/23 11:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-12 (0.5')

Lab Sample ID: 880-27431-18

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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			04/21/23 13:10	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			04/21/23 11:10	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		04/20/23 15:57	04/21/23 05:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 05:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 05:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				04/20/23 15:57	04/21/23 05:06	1
o-Terphenyl	131	S1+	70 - 130				04/20/23 15:57	04/21/23 05:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		5.03		mg/Kg			04/21/23 06:22	1

Client Sample ID: SW-13 (0.5')

Lab Sample ID: 880-27431-19

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 12:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 12:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 12:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/20/23 15:15	04/21/23 12:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 12:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/20/23 15:15	04/21/23 12:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				04/20/23 15:15	04/21/23 12:03	1
1,4-Difluorobenzene (Surr)	75		70 - 130				04/20/23 15:15	04/21/23 12:03	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			04/21/23 13:10	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			04/21/23 11:10	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		04/20/23 15:57	04/21/23 05:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/20/23 15:57	04/21/23 05:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-13 (0.5')

Lab Sample ID: 880-27431-19

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:57	04/21/23 05:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				04/20/23 15:57	04/21/23 05:28	1
o-Terphenyl	127		70 - 130				04/20/23 15:57	04/21/23 05:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.6		4.97		mg/Kg			04/21/23 06:27	1

Client Sample ID: SW-14 (0.5')

Lab Sample ID: 880-27431-20

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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		04/20/23 15:15	04/21/23 12:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/20/23 15:15	04/21/23 12:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/20/23 15:15	04/21/23 12:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/20/23 15:15	04/21/23 12:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/20/23 15:15	04/21/23 12:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/20/23 15:15	04/21/23 12:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				04/20/23 15:15	04/21/23 12:29	1
1,4-Difluorobenzene (Surr)	70		70 - 130				04/20/23 15:15	04/21/23 12:29	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			04/21/23 13:10	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			04/21/23 11:10	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		04/20/23 15:57	04/21/23 05:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/23 15:57	04/21/23 05:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/23 15:57	04/21/23 05:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				04/20/23 15:57	04/21/23 05:49	1
o-Terphenyl	123		70 - 130				04/20/23 15:57	04/21/23 05:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		4.97		mg/Kg			04/21/23 06:31	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
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)				
880-27431-1	CS-1 (0.5')	119	71				
880-27431-1 MS	CS-1 (0.5')	113	97				
880-27431-1 MSD	CS-1 (0.5')	115	80				
880-27431-2	CS-2 (0.5')	135 S1+	78				
880-27431-3	CS-3 (0.5')	123	71				
880-27431-4	CS-4 (0.5')	134 S1+	81				
880-27431-5	CS-5 (0.5')	130	79				
880-27431-6	CS-6 (0.5')	133 S1+	76				
880-27431-7	SW-1 (0.5')	135 S1+	72				
880-27431-8	SW-2 (0.5')	133 S1+	90				
880-27431-9	SW-3 (0.5')	138 S1+	71				
880-27431-10	SW-4 (0.5')	140 S1+	92				
880-27431-11	SW-5 (0.5')	137 S1+	82				
880-27431-12	SW-6 (0.5')	133 S1+	78				
880-27431-13	SW-7 (0.5')	144 S1+	78				
880-27431-14	SW-8 (0.5')	123	73				
880-27431-15	SW-9 (0.5')	158 S1+	92				
880-27431-16	SW-10 (0.5')	131 S1+	68 S1-				
880-27431-17	SW-11 (0.5')	162 S1+	78				
880-27431-18	SW-12 (0.5')	145 S1+	76				
880-27431-19	SW-13 (0.5')	131 S1+	75				
880-27431-20	SW-14 (0.5')	145 S1+	70				
LCS 880-51623/1-A	Lab Control Sample	109	86				
LCSD 880-51623/2-A	Lab Control Sample Dup	126	72				
MB 880-51473/5-A	Method Blank	70	79				
MB 880-51623/5-A	Method Blank	76	77				
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)				
880-27431-1	CS-1 (0.5')	114	113				
880-27431-1 MS	CS-1 (0.5')	114	97				
880-27431-1 MSD	CS-1 (0.5')	145 S1+	118				
880-27431-2	CS-2 (0.5')	105	109				
880-27431-3	CS-3 (0.5')	136 S1+	131 S1+				
880-27431-4	CS-4 (0.5')	129	119				
880-27431-5	CS-5 (0.5')	138 S1+	135 S1+				
880-27431-6	CS-6 (0.5')	130	129				
880-27431-7	SW-1 (0.5')	134 S1+	130				
880-27431-8	SW-2 (0.5')	103	103				
880-27431-9	SW-3 (0.5')	142 S1+	137 S1+				
880-27431-10	SW-4 (0.5')	121	122				
880-27431-11	SW-5 (0.5')	111	110				

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-27431-1

Project/Site: Craig Federal Com 012H

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)
880-27431-12	SW-6 (0.5')	108	109
880-27431-13	SW-7 (0.5')	108	135 S1+
880-27431-14	SW-8 (0.5')	119	144 S1+
880-27431-15	SW-9 (0.5')	103	130
880-27431-16	SW-10 (0.5')	101	125
880-27431-17	SW-11 (0.5')	106	134 S1+
880-27431-18	SW-12 (0.5')	105	131 S1+
880-27431-19	SW-13 (0.5')	101	127
880-27431-20	SW-14 (0.5')	99	123
LCS 880-51631/2-A	Lab Control Sample	98	95
LCSD 880-51631/3-A	Lab Control Sample Dup	96	95
MB 880-51631/1-A	Method Blank	116	123
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-51473/5-A

Matrix: Solid

Analysis Batch: 51573

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 51473

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/19/23 10:41	04/20/23 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/19/23 10:41	04/20/23 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/19/23 10:41	04/20/23 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/19/23 10:41	04/20/23 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/19/23 10:41	04/20/23 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/19/23 10:41	04/20/23 12:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130	04/19/23 10:41	04/20/23 12:39	1
1,4-Difluorobenzene (Surr)	79		70 - 130	04/19/23 10:41	04/20/23 12:39	1

Lab Sample ID: MB 880-51623/5-A

Matrix: Solid

Analysis Batch: 51573

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 51623

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 02:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 02:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 02:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/20/23 15:15	04/21/23 02:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/23 15:15	04/21/23 02:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/20/23 15:15	04/21/23 02:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	04/20/23 15:15	04/21/23 02:21	1
1,4-Difluorobenzene (Surr)	77		70 - 130	04/20/23 15:15	04/21/23 02:21	1

Lab Sample ID: LCS 880-51623/1-A

Matrix: Solid

Analysis Batch: 51573

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 51623

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09751		mg/Kg		98	70 - 130
Toluene	0.100	0.09008		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09461		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1845		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09108		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: LCSD 880-51623/2-A

Matrix: Solid

Analysis Batch: 51573

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 51623

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1101		mg/Kg		110	70 - 130	12	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-51623/2-A

Matrix: Solid

Analysis Batch: 51573

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 51623

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1127		mg/Kg		113	70 - 130	22	35
Ethylbenzene	0.100	0.1159		mg/Kg		116	70 - 130	20	35
m-Xylene & p-Xylene	0.200	0.2263		mg/Kg		113	70 - 130	20	35
o-Xylene	0.100	0.1147		mg/Kg		115	70 - 130	23	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	72		70 - 130

Lab Sample ID: 880-27431-1 MS

Matrix: Solid

Analysis Batch: 51573

Client Sample ID: CS-1 (0.5')

Prep Type: Total/NA

Prep Batch: 51623

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.09394		mg/Kg		94	70 - 130
Toluene	<0.00201	U	0.100	0.08638		mg/Kg		86	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.08804		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1715		mg/Kg		86	70 - 130
o-Xylene	<0.00201	U	0.100	0.08533		mg/Kg		85	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-27431-1 MSD

Matrix: Solid

Analysis Batch: 51573

Client Sample ID: CS-1 (0.5')

Prep Type: Total/NA

Prep Batch: 51623

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.07975		mg/Kg		81	70 - 130	16	35
Toluene	<0.00201	U	0.0990	0.07434		mg/Kg		75	70 - 130	15	35
Ethylbenzene	<0.00201	U	0.0990	0.08184		mg/Kg		83	70 - 130	7	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1586		mg/Kg		80	70 - 130	8	35
o-Xylene	<0.00201	U	0.0990	0.08059		mg/Kg		81	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

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

Lab Sample ID: MB 880-51631/1-A

Matrix: Solid

Analysis Batch: 51565

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 51631

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		04/20/23 15:57	04/21/23 00:03	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-51631/1-A

Matrix: Solid

Analysis Batch: 51565

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 51631

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 00:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/23 15:57	04/21/23 00:03	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				04/20/23 15:57	04/21/23 00:03	1
o-Terphenyl	123		70 - 130				04/20/23 15:57	04/21/23 00:03	1

Lab Sample ID: LCS 880-51631/2-A

Matrix: Solid

Analysis Batch: 51565

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 51631

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	825.3		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	1000	860.7		mg/Kg		86	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	98		70 - 130				
o-Terphenyl	95		70 - 130				

Lab Sample ID: LCSD 880-51631/3-A

Matrix: Solid

Analysis Batch: 51565

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 51631

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	841.1		mg/Kg		84	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	845.5		mg/Kg		85	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	96		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: 880-27431-1 MS

Matrix: Solid

Analysis Batch: 51565

Client Sample ID: CS-1 (0.5')

Prep Type: Total/NA

Prep Batch: 51631

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	972.4		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U F2	998	1016		mg/Kg		100	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	114		70 - 130						
o-Terphenyl	97		70 - 130						

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-27431-1 MSD

Matrix: Solid

Analysis Batch: 51565

Client Sample ID: CS-1 (0.5')

Prep Type: Total/NA

Prep Batch: 51631

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	<49.8	U	1000	1182		mg/Kg		114	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	<49.8	U F2	1000	1271	F2	mg/Kg		125	70 - 130	22	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	145	S1+	70 - 130								
o-Terphenyl	118		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-51628/1-A

Matrix: Solid

Analysis Batch: 51682

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			04/21/23 04:14	1

Lab Sample ID: LCS 880-51628/2-A

Matrix: Solid

Analysis Batch: 51682

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.5		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-51628/3-A

Matrix: Solid

Analysis Batch: 51682

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	256.5		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 880-27431-1 MS

Matrix: Solid

Analysis Batch: 51682

Client Sample ID: CS-1 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	94.4		250	355.4		mg/Kg		104	90 - 110

Lab Sample ID: 880-27431-1 MSD

Matrix: Solid

Analysis Batch: 51682

Client Sample ID: CS-1 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	94.4		250	352.7		mg/Kg		103	90 - 110	1	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-27431-11 MS										Client Sample ID: SW-5 (0.5')			
Matrix: Solid										Prep Type: Soluble			
Analysis Batch: 51682													
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits				
Chloride	494		251	741.0		mg/Kg		99	90 - 110				

Lab Sample ID: 880-27431-11 MSD										Client Sample ID: SW-5 (0.5')			
Matrix: Solid										Prep Type: Soluble			
Analysis Batch: 51682													
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit		
Chloride	494		251	741.2		mg/Kg		99	90 - 110	0	20		

QC Association Summary

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 51473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-51473/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 51573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27431-1	CS-1 (0.5')	Total/NA	Solid	8021B	51623
880-27431-2	CS-2 (0.5')	Total/NA	Solid	8021B	51623
880-27431-3	CS-3 (0.5')	Total/NA	Solid	8021B	51623
880-27431-4	CS-4 (0.5')	Total/NA	Solid	8021B	51623
880-27431-5	CS-5 (0.5')	Total/NA	Solid	8021B	51623
880-27431-6	CS-6 (0.5')	Total/NA	Solid	8021B	51623
880-27431-7	SW-1 (0.5')	Total/NA	Solid	8021B	51623
880-27431-8	SW-2 (0.5')	Total/NA	Solid	8021B	51623
880-27431-9	SW-3 (0.5')	Total/NA	Solid	8021B	51623
880-27431-10	SW-4 (0.5')	Total/NA	Solid	8021B	51623
880-27431-11	SW-5 (0.5')	Total/NA	Solid	8021B	51623
880-27431-12	SW-6 (0.5')	Total/NA	Solid	8021B	51623
880-27431-13	SW-7 (0.5')	Total/NA	Solid	8021B	51623
880-27431-14	SW-8 (0.5')	Total/NA	Solid	8021B	51623
880-27431-15	SW-9 (0.5')	Total/NA	Solid	8021B	51623
880-27431-16	SW-10 (0.5')	Total/NA	Solid	8021B	51623
880-27431-17	SW-11 (0.5')	Total/NA	Solid	8021B	51623
880-27431-18	SW-12 (0.5')	Total/NA	Solid	8021B	51623
880-27431-19	SW-13 (0.5')	Total/NA	Solid	8021B	51623
880-27431-20	SW-14 (0.5')	Total/NA	Solid	8021B	51623
MB 880-51473/5-A	Method Blank	Total/NA	Solid	8021B	51473
MB 880-51623/5-A	Method Blank	Total/NA	Solid	8021B	51623
LCS 880-51623/1-A	Lab Control Sample	Total/NA	Solid	8021B	51623
LCSD 880-51623/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	51623
880-27431-1 MS	CS-1 (0.5')	Total/NA	Solid	8021B	51623
880-27431-1 MSD	CS-1 (0.5')	Total/NA	Solid	8021B	51623

Prep Batch: 51623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27431-1	CS-1 (0.5')	Total/NA	Solid	5035	
880-27431-2	CS-2 (0.5')	Total/NA	Solid	5035	
880-27431-3	CS-3 (0.5')	Total/NA	Solid	5035	
880-27431-4	CS-4 (0.5')	Total/NA	Solid	5035	
880-27431-5	CS-5 (0.5')	Total/NA	Solid	5035	
880-27431-6	CS-6 (0.5')	Total/NA	Solid	5035	
880-27431-7	SW-1 (0.5')	Total/NA	Solid	5035	
880-27431-8	SW-2 (0.5')	Total/NA	Solid	5035	
880-27431-9	SW-3 (0.5')	Total/NA	Solid	5035	
880-27431-10	SW-4 (0.5')	Total/NA	Solid	5035	
880-27431-11	SW-5 (0.5')	Total/NA	Solid	5035	
880-27431-12	SW-6 (0.5')	Total/NA	Solid	5035	
880-27431-13	SW-7 (0.5')	Total/NA	Solid	5035	
880-27431-14	SW-8 (0.5')	Total/NA	Solid	5035	
880-27431-15	SW-9 (0.5')	Total/NA	Solid	5035	
880-27431-16	SW-10 (0.5')	Total/NA	Solid	5035	
880-27431-17	SW-11 (0.5')	Total/NA	Solid	5035	
880-27431-18	SW-12 (0.5')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 51623 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27431-19	SW-13 (0.5')	Total/NA	Solid	5035	
880-27431-20	SW-14 (0.5')	Total/NA	Solid	5035	
MB 880-51623/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-51623/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-51623/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-27431-1 MS	CS-1 (0.5')	Total/NA	Solid	5035	
880-27431-1 MSD	CS-1 (0.5')	Total/NA	Solid	5035	

Analysis Batch: 51715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27431-1	CS-1 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-2	CS-2 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-3	CS-3 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-4	CS-4 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-5	CS-5 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-6	CS-6 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-7	SW-1 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-8	SW-2 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-9	SW-3 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-10	SW-4 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-11	SW-5 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-12	SW-6 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-13	SW-7 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-14	SW-8 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-15	SW-9 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-16	SW-10 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-17	SW-11 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-18	SW-12 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-19	SW-13 (0.5')	Total/NA	Solid	Total BTEX	
880-27431-20	SW-14 (0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 51565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27431-1	CS-1 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-2	CS-2 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-3	CS-3 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-4	CS-4 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-5	CS-5 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-6	CS-6 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-7	SW-1 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-8	SW-2 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-9	SW-3 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-10	SW-4 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-11	SW-5 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-12	SW-6 (0.5')	Total/NA	Solid	8015B NM	51631
MB 880-51631/1-A	Method Blank	Total/NA	Solid	8015B NM	51631
LCS 880-51631/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	51631
LCSD 880-51631/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	51631
880-27431-1 MS	CS-1 (0.5')	Total/NA	Solid	8015B NM	51631

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 51565 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27431-1 MSD	CS-1 (0.5')	Total/NA	Solid	8015B NM	51631

Analysis Batch: 51567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27431-13	SW-7 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-14	SW-8 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-15	SW-9 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-16	SW-10 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-17	SW-11 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-18	SW-12 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-19	SW-13 (0.5')	Total/NA	Solid	8015B NM	51631
880-27431-20	SW-14 (0.5')	Total/NA	Solid	8015B NM	51631

Prep Batch: 51631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27431-1	CS-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-2	CS-2 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-3	CS-3 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-4	CS-4 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-5	CS-5 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-6	CS-6 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-7	SW-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-8	SW-2 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-9	SW-3 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-10	SW-4 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-11	SW-5 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-12	SW-6 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-13	SW-7 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-14	SW-8 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-15	SW-9 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-16	SW-10 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-17	SW-11 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-18	SW-12 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-19	SW-13 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-20	SW-14 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-51631/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-51631/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-51631/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-27431-1 MS	CS-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-27431-1 MSD	CS-1 (0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 51685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27431-1	CS-1 (0.5')	Total/NA	Solid	8015 NM	
880-27431-2	CS-2 (0.5')	Total/NA	Solid	8015 NM	
880-27431-3	CS-3 (0.5')	Total/NA	Solid	8015 NM	
880-27431-4	CS-4 (0.5')	Total/NA	Solid	8015 NM	
880-27431-5	CS-5 (0.5')	Total/NA	Solid	8015 NM	
880-27431-6	CS-6 (0.5')	Total/NA	Solid	8015 NM	
880-27431-7	SW-1 (0.5')	Total/NA	Solid	8015 NM	
880-27431-8	SW-2 (0.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 51685 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27431-9	SW-3 (0.5')	Total/NA	Solid	8015 NM	
880-27431-10	SW-4 (0.5')	Total/NA	Solid	8015 NM	
880-27431-11	SW-5 (0.5')	Total/NA	Solid	8015 NM	
880-27431-12	SW-6 (0.5')	Total/NA	Solid	8015 NM	
880-27431-13	SW-7 (0.5')	Total/NA	Solid	8015 NM	
880-27431-14	SW-8 (0.5')	Total/NA	Solid	8015 NM	
880-27431-15	SW-9 (0.5')	Total/NA	Solid	8015 NM	
880-27431-16	SW-10 (0.5')	Total/NA	Solid	8015 NM	
880-27431-17	SW-11 (0.5')	Total/NA	Solid	8015 NM	
880-27431-18	SW-12 (0.5')	Total/NA	Solid	8015 NM	
880-27431-19	SW-13 (0.5')	Total/NA	Solid	8015 NM	
880-27431-20	SW-14 (0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 51628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27431-1	CS-1 (0.5')	Soluble	Solid	DI Leach	
880-27431-2	CS-2 (0.5')	Soluble	Solid	DI Leach	
880-27431-3	CS-3 (0.5')	Soluble	Solid	DI Leach	
880-27431-4	CS-4 (0.5')	Soluble	Solid	DI Leach	
880-27431-5	CS-5 (0.5')	Soluble	Solid	DI Leach	
880-27431-6	CS-6 (0.5')	Soluble	Solid	DI Leach	
880-27431-7	SW-1 (0.5')	Soluble	Solid	DI Leach	
880-27431-8	SW-2 (0.5')	Soluble	Solid	DI Leach	
880-27431-9	SW-3 (0.5')	Soluble	Solid	DI Leach	
880-27431-10	SW-4 (0.5')	Soluble	Solid	DI Leach	
880-27431-11	SW-5 (0.5')	Soluble	Solid	DI Leach	
880-27431-12	SW-6 (0.5')	Soluble	Solid	DI Leach	
880-27431-13	SW-7 (0.5')	Soluble	Solid	DI Leach	
880-27431-14	SW-8 (0.5')	Soluble	Solid	DI Leach	
880-27431-15	SW-9 (0.5')	Soluble	Solid	DI Leach	
880-27431-16	SW-10 (0.5')	Soluble	Solid	DI Leach	
880-27431-17	SW-11 (0.5')	Soluble	Solid	DI Leach	
880-27431-18	SW-12 (0.5')	Soluble	Solid	DI Leach	
880-27431-19	SW-13 (0.5')	Soluble	Solid	DI Leach	
880-27431-20	SW-14 (0.5')	Soluble	Solid	DI Leach	
MB 880-51628/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-51628/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-51628/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-27431-1 MS	CS-1 (0.5')	Soluble	Solid	DI Leach	
880-27431-1 MSD	CS-1 (0.5')	Soluble	Solid	DI Leach	
880-27431-11 MS	SW-5 (0.5')	Soluble	Solid	DI Leach	
880-27431-11 MSD	SW-5 (0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 51682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27431-1	CS-1 (0.5')	Soluble	Solid	300.0	51628
880-27431-2	CS-2 (0.5')	Soluble	Solid	300.0	51628
880-27431-3	CS-3 (0.5')	Soluble	Solid	300.0	51628
880-27431-4	CS-4 (0.5')	Soluble	Solid	300.0	51628

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 51682 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-27431-5	CS-5 (0.5')	Soluble	Solid	300.0	51628
880-27431-6	CS-6 (0.5')	Soluble	Solid	300.0	51628
880-27431-7	SW-1 (0.5')	Soluble	Solid	300.0	51628
880-27431-8	SW-2 (0.5')	Soluble	Solid	300.0	51628
880-27431-9	SW-3 (0.5')	Soluble	Solid	300.0	51628
880-27431-10	SW-4 (0.5')	Soluble	Solid	300.0	51628
880-27431-11	SW-5 (0.5')	Soluble	Solid	300.0	51628
880-27431-12	SW-6 (0.5')	Soluble	Solid	300.0	51628
880-27431-13	SW-7 (0.5')	Soluble	Solid	300.0	51628
880-27431-14	SW-8 (0.5')	Soluble	Solid	300.0	51628
880-27431-15	SW-9 (0.5')	Soluble	Solid	300.0	51628
880-27431-16	SW-10 (0.5')	Soluble	Solid	300.0	51628
880-27431-17	SW-11 (0.5')	Soluble	Solid	300.0	51628
880-27431-18	SW-12 (0.5')	Soluble	Solid	300.0	51628
880-27431-19	SW-13 (0.5')	Soluble	Solid	300.0	51628
880-27431-20	SW-14 (0.5')	Soluble	Solid	300.0	51628
MB 880-51628/1-A	Method Blank	Soluble	Solid	300.0	51628
LCS 880-51628/2-A	Lab Control Sample	Soluble	Solid	300.0	51628
LCSD 880-51628/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	51628
880-27431-1 MS	CS-1 (0.5')	Soluble	Solid	300.0	51628
880-27431-1 MSD	CS-1 (0.5')	Soluble	Solid	300.0	51628
880-27431-11 MS	SW-5 (0.5')	Soluble	Solid	300.0	51628
880-27431-11 MSD	SW-5 (0.5')	Soluble	Solid	300.0	51628

Lab Chronicle

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (0.5')

Lab Sample ID: 880-27431-1

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 02:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 10:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51565	04/21/23 01:07	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 04:28	SMC	EET MID

Client Sample ID: CS-2 (0.5')

Lab Sample ID: 880-27431-2

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 03:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 10:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51565	04/21/23 02:12	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 04:42	SMC	EET MID

Client Sample ID: CS-3 (0.5')

Lab Sample ID: 880-27431-3

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 03:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 10:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51565	04/21/23 02:34	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 04:46	SMC	EET MID

Client Sample ID: CS-4 (0.5')

Lab Sample ID: 880-27431-4

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 04:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-4 (0.5')

Lab Sample ID: 880-27431-4

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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			51685	04/21/23 10:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51565	04/21/23 02:55	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 04:51	SMC	EET MID

Client Sample ID: CS-5 (0.5')

Lab Sample ID: 880-27431-5

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 04:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 10:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51565	04/21/23 03:17	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 04:55	SMC	EET MID

Client Sample ID: CS-6 (0.5')

Lab Sample ID: 880-27431-6

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 05:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 10:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51565	04/21/23 03:39	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 05:09	SMC	EET MID

Client Sample ID: SW-1 (0.5')

Lab Sample ID: 880-27431-7

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 05:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 10:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51565	04/21/23 04:00	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-1 (0.5')

Lab Sample ID: 880-27431-7

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 05:14	SMC	EET MID

Client Sample ID: SW-2 (0.5')

Lab Sample ID: 880-27431-8

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 05:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 10:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51565	04/21/23 04:22	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 05:18	SMC	EET MID

Client Sample ID: SW-3 (0.5')

Lab Sample ID: 880-27431-9

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 06:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 10:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51565	04/21/23 04:44	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 05:23	SMC	EET MID

Client Sample ID: SW-4 (0.5')

Lab Sample ID: 880-27431-10

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 06:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 10:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51565	04/21/23 05:06	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 05:28	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-5 (0.5')

Lab Sample ID: 880-27431-11

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 08:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 10:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51565	04/21/23 05:28	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 05:32	SMC	EET MID

Client Sample ID: SW-6 (0.5')

Lab Sample ID: 880-27431-12

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 09:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 10:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51565	04/21/23 05:49	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 05:46	SMC	EET MID

Client Sample ID: SW-7 (0.5')

Lab Sample ID: 880-27431-13

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 09:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 11:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51567	04/21/23 03:17	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 05:50	SMC	EET MID

Client Sample ID: SW-8 (0.5')

Lab Sample ID: 880-27431-14

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 09:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-8 (0.5')

Lab Sample ID: 880-27431-14

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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			51685	04/21/23 11:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51567	04/21/23 03:39	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 06:04	SMC	EET MID

Client Sample ID: SW-9 (0.5')

Lab Sample ID: 880-27431-15

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 10:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 11:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51567	04/21/23 04:00	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 06:09	SMC	EET MID

Client Sample ID: SW-10 (0.5')

Lab Sample ID: 880-27431-16

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 10:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 11:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51567	04/21/23 04:22	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 06:13	SMC	EET MID

Client Sample ID: SW-11 (0.5')

Lab Sample ID: 880-27431-17

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 11:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 11:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51567	04/21/23 04:44	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-11 (0.5')

Lab Sample ID: 880-27431-17

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 06:18	SMC	EET MID

Client Sample ID: SW-12 (0.5')

Lab Sample ID: 880-27431-18

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 11:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 11:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51567	04/21/23 05:06	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 06:22	SMC	EET MID

Client Sample ID: SW-13 (0.5')

Lab Sample ID: 880-27431-19

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 12:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 11:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51567	04/21/23 05:28	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 06:27	SMC	EET MID

Client Sample ID: SW-14 (0.5')

Lab Sample ID: 880-27431-20

Date Collected: 04/19/23 00:00

Matrix: Solid

Date Received: 04/20/23 15:10

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	51623	04/20/23 15:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	51573	04/21/23 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			51715	04/21/23 13:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			51685	04/21/23 11:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	51631	04/20/23 15:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	51567	04/21/23 05:49	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	51628	04/20/23 15:36	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	51682	04/21/23 06:31	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Carmona Resources
Project/Site: Craig Federal Com 012H

Job ID: 880-27431-1
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: Craig Federal Com 012H

Job ID: 880-27431-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-27431-1	CS-1 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-2	CS-2 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-3	CS-3 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-4	CS-4 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-5	CS-5 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-6	CS-6 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-7	SW-1 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-8	SW-2 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-9	SW-3 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-10	SW-4 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-11	SW-5 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-12	SW-6 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-13	SW-7 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-14	SW-8 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-15	SW-9 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-16	SW-10 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-17	SW-11 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-18	SW-12 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-19	SW-13 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10
880-27431-20	SW-14 (0.5')	Solid	04/19/23 00:00	04/20/23 15:10

Work Order No: 27431

Page 1 of 2

Project Manager	Conner Moehring	Bill to: (if different)	Mike Carmona
Company Name	Carmona Resources	Company Name	Carmona Resources
Address	310 W Wall St Ste 500	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	432-813-6823	Email	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Rowfields ☐ IRC ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADaPT ☐ Other	

ANALYSIS REQUEST																																																	
Project Name	Craig Federal Com 012H	Turn Around	Pres. Code	Parameters																																													
Project Number	1246	☐ Routine ☒ Rush																																															
Project Location	Eddy County, New Mexico	Due Date	24 Hrs																																														
Sampler's Name	KGB																																																
PO #																																																	
<table border="1"> <thead> <tr> <th colspan="2">SAMPLE RECEIPT</th> <th>Temp Blank</th> <th>Yes</th> <th>No</th> <th>Wet Ice</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>Received Intact:</td> <td></td> <td>Yes</td> <td>No</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Cooler Custody Seals</td> <td></td> <td>Yes</td> <td>No</td> <td>N/A</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Sample Custody Seals</td> <td></td> <td>Yes</td> <td>No</td> <td>N/A</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total Containers</td> <td></td> <td colspan="6"> Thermometer ID: 1.3:30 Temperature Reading: 1.3 Corrected Temperature: 1.0 </td> </tr> </tbody> </table>										SAMPLE RECEIPT		Temp Blank	Yes	No	Wet Ice	Yes	No	Received Intact:		Yes	No					Cooler Custody Seals		Yes	No	N/A				Sample Custody Seals		Yes	No	N/A				Total Containers		Thermometer ID: 1.3:30 Temperature Reading: 1.3 Corrected Temperature: 1.0					
SAMPLE RECEIPT		Temp Blank	Yes	No	Wet Ice	Yes	No																																										
Received Intact:		Yes	No																																														
Cooler Custody Seals		Yes	No	N/A																																													
Sample Custody Seals		Yes	No	N/A																																													
Total Containers		Thermometer ID: 1.3:30 Temperature Reading: 1.3 Corrected Temperature: 1.0																																															
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont																																											
CS-1 (0 5')	4/19/2023		X		C	1	X	X																																									
CS-2 (0 5')	4/19/2023		X		C	1	X	X																																									
CS-3 (0 5')	4/19/2023		X		C	1	X	X																																									
CS-4 (0 5')	4/19/2023		X		C	1	X	X																																									
CS-5 (0 5')	4/19/2023		X		C	1	X	X																																									
CS-6 (0 5')	4/19/2023		X		C	1	X	X																																									
SW-1 (0 5')	4/19/2023		X		C	1	X	X																																									
SW-2 (0 5')	4/19/2023		X		C	1	X	X																																									
SW-3 (0 5')	4/19/2023		X		C	1	X	X																																									
SW-4 (0 5')	4/19/2023		X		C	1	X	X																																									

Comments Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	<i>Mike Carmona</i>	4-20-23
		1510

Work Order No: 27431

Page 2 of 2

Project Manager	Conner Moehring	Bill to (if different)	Mike Carmona
Company Name	Carmona Resources	Company Name	Carmona Resources
Address	310 W Wall St Ste 500	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	432-813-6823	Email	

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

ANALYSIS REQUEST										Preservative Codes		
Project Name	Craig Federal Com 012H	Turn Around	Pres. Code									
Project Number	1246	☐ Routine ☒ Rush										
Project Location	Eddy County, New Mexico	Due Date	24 Hrs									
Sampler's Name	KGB											
PO #:												
SAMPLE RECEIPT Received Intact: Yes No Thermometer ID Yes No Cooler Custody Seals: Yes No N/A Correction Factor Yes No N/A Sample Custody Seals: Yes No N/A Temperature Reading Yes No N/A Total Containers Corrected Temperature												
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont						Sample Comments
SW-5 (0 5')	4/19/2023		X		C	1						
SW-6 (0 5')	4/19/2023		X		C	1						
SW-7 (0 5')	4/19/2023		X		C	1						
SW-8 (0 5')	4/19/2023		X		C	1						
SW-9 (0 5')	4/19/2023		X		C	1						
SW-10 (0 5')	4/19/2023		X		C	1						
SW-11 (0 5')	4/19/2023		X		C	1						
SW-12 (0 5')	4/19/2023		X		C	1						
SW-13 (0 5')	4/19/2023		X		C	1						
SW-14 (0 5')	4/19/2023		X		C	1						

Comments Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Mike Carmona</i>	4-20-23 1510	<i>[Signature]</i>	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-27431-1

SDG Number: Eddy County, New Mexico

Login Number: 27431

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	



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

April 28, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: CRAIG FEDERAL COM 012H

Enclosed are the results of analyses for samples received by the laboratory on 04/27/23 8:08.

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:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 04/27/2023
 Reported: 04/28/2023
 Project Name: CRAIG FEDERAL COM 012H
 Project Number: 1246
 Project Location: EDDY CO NM

Sampling Date: 04/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 5 (1') (H232056-01)

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	04/28/2023	ND	1.86	93.2	2.00	1.98	
Toluene*	<0.050	0.050	04/28/2023	ND	1.97	98.3	2.00	6.43	
Ethylbenzene*	<0.050	0.050	04/28/2023	ND	1.99	99.5	2.00	4.38	
Total Xylenes*	<0.150	0.150	04/28/2023	ND	6.10	102	6.00	4.77	
Total BTX	<0.300	0.300	04/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	<16.0	16.0	04/28/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2023	ND	195	97.6	200	11.2	
DRO >C10-C28*	<10.0	10.0	04/28/2023	ND	191	95.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	04/28/2023	ND					

Surrogate: 1-Chlorooctane 70.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No:

A232054

Page 1 of 1[illegible]

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 220652

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 220652
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2306133645 CRAIG FEDERAL COM 012H, thank you. This closure is approved.	10/18/2023