

CARMONA RESOURCES



SITE INFORMATION

Closure Report

Dominator 25 Fed Com 102H (02.05.22)

Incident ID: NAPP2207443537

Lea County, New Mexico

Unit P Sec 25 T25S R33E

32.095641°, -103.519474°

Drilling Fluid Release

Point of Release: Flare Stack

Release Date: 02/05/2022

Volume Released: 3.19 barrels of Drilling Fluids

Volume Recovered: 0 barrels of Drilling Fluids

CARMONA RESOURCES



Prepared for:

Concho Operating, LLC

600 West Illinois Avenue,

Midland, Texas 79701

Prepared by:

Carmona Resources, LLC

310 West Wall Street

Suite 415

Midland, Texas 79701

310 West Wall Street, Suite 415
Midland TX, 79701
432.813.1992

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April 26, 2022

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

Re: Closure Report
Dominator 25 Fed Com 102H (02.05.22)
Concho Operating, LLC
Incident ID NAPP2207443537
Site Location: Unit P, S25, T25S, R33E
(Lat 32.095641°, Long -103.519474°)
Lea County, New Mexico

To whom it may concern:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this document for site activities at the Dominator 25 Fed Com 102H (02.05.22). The site is located at 32.095641°, -103.519474° within Unit P, S25, T25S, R33E, in Lea 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 5, 2022, due to a release at the flare stack. It resulted in approximately three-point one-nine (3.19) barrels of drilling fluids. Zero (0) barrels of drilling fluids were recovered. See figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location, and drilled within 25 years. The closest well is approximately 1.43 miles East of the site in S29, T25S, R34E and was drilled in 1880. The well has a reported depth to groundwater of 50' feet below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing 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 22, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of five (5) sample points were advanced to depths ranging from the surface – 4.0' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil 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.

The area of S-1 showed elevated TPH and chloride concentrations above the regulatory limits at the surface to 2.0 bgs, then declined with depth at 3.0' bgs. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel were onsite from April 11, 2022, through April 15, 2022, to supervise the remediation activities and collect confirmation samples. The area was excavated to 3.0' to remove all impacted soils. A total of twenty (20) confirmation samples were collected (CS-1 through CS-20), and six (6) sidewall samples (SW-1 through SW-6) were collected every 200 square feet to ensure 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 results of the sampling are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.

All the final confirmation samples were below the 19.15.29.12 NMAC criteria. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. A total of 450 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 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

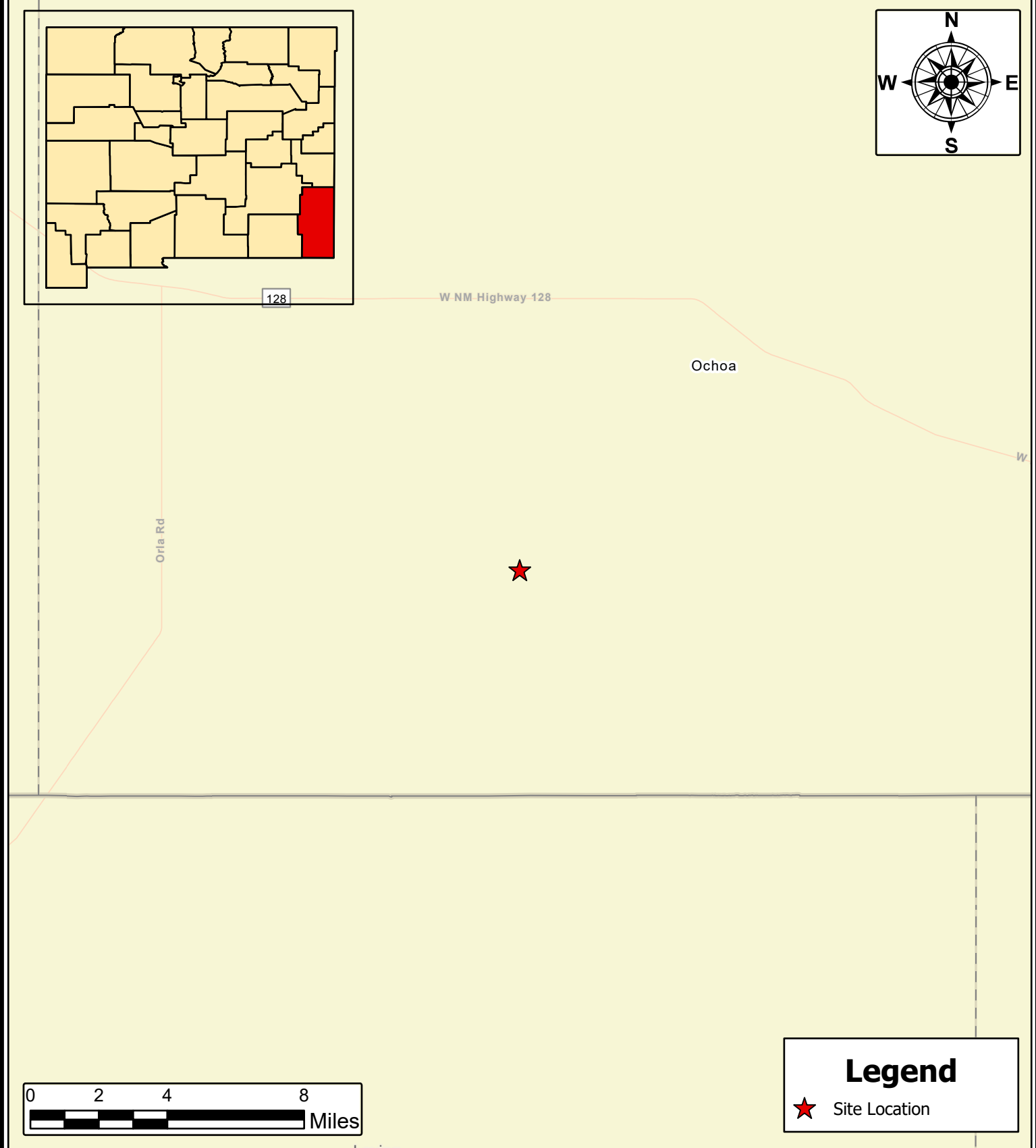
Mike Carmona
Environmental Manager

Conner Moehring
Sr Project Manager

FIGURES

CARMONA RESOURCES



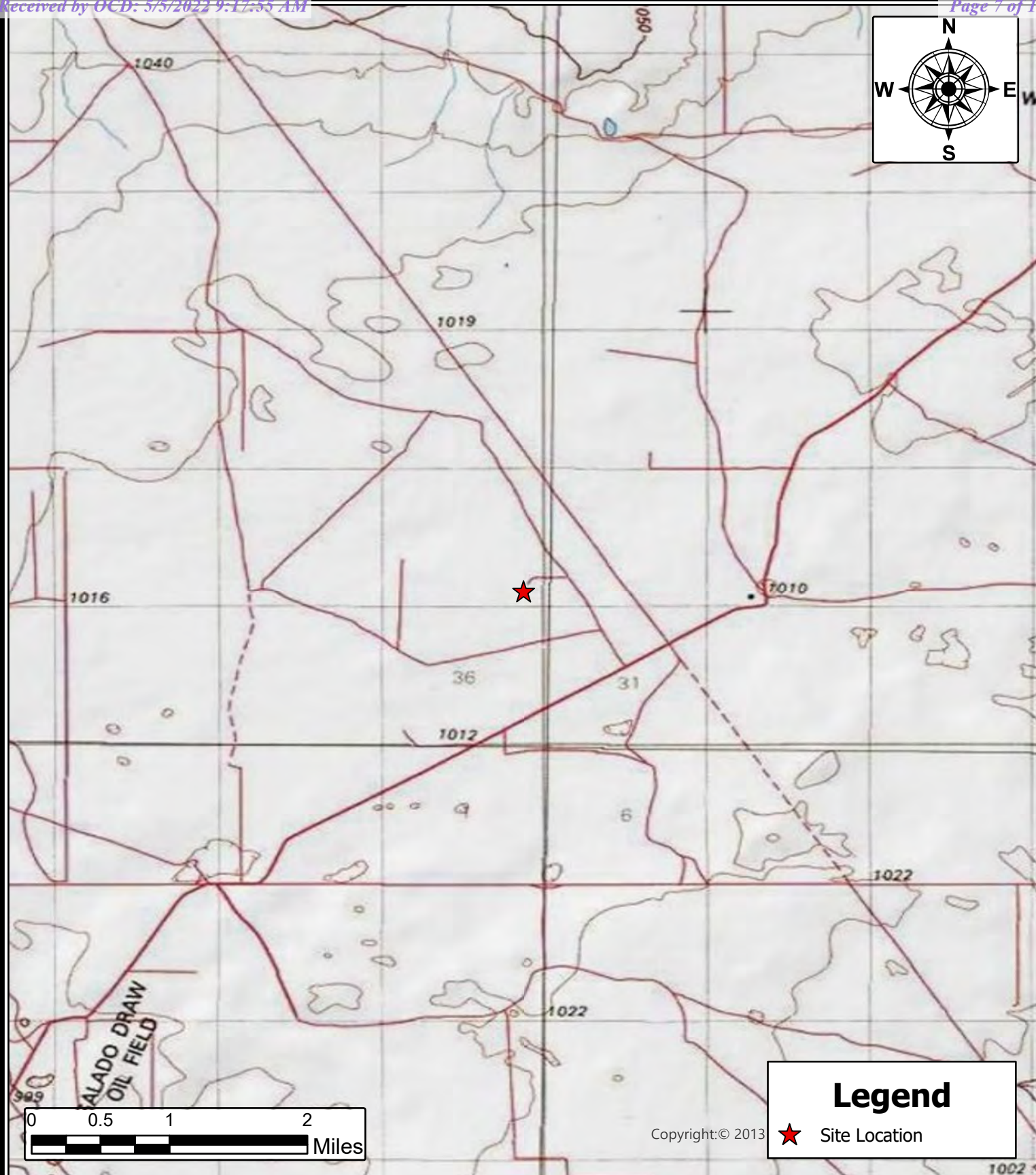


OVERVIEW MAP COG OPERATING DOMINATOR 25 FEDERAL COM 102H LEA COUNTY, NEW MEXICO 32.095641 -103.519474	
SCALE: As Shown	Date: 4/25/2022

 Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701
--

NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
FIGURE 1
SHEET NUMBER:
1 of 1



Legend

★ Site Location

Copyright:© 2013

TOPOGRAPHIC MAP COG OPERATING

DOMINATOR 25 FEDERAL COM 102H
LEA COUNTY, NEW MEXICO
32.095641 -103.519474

SCALE: As Shown

Date: 4/25/2022



Carmona Resources
310 West Wall Street, Suite 415
Midland, Texas 79701

NOTES:

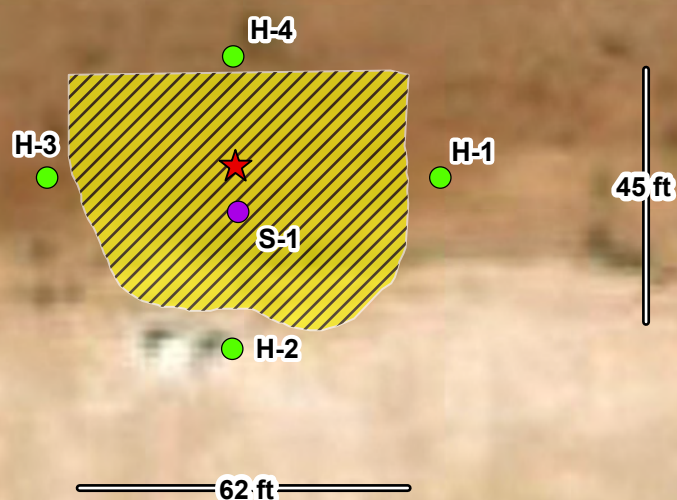
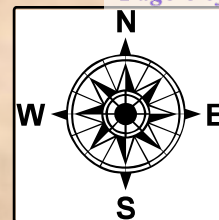
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1



Legend

- POR - Portable Flare
- Sample Points
- Horizontals
- COG Disposal Water Line
- Area of Concern

Pad



SAMPLE LOCATION MAP
COG OPERATING
 DOMINATOR 25 FEDERAL COM 102H
 LEA COUNTY, NEW MEXICO
 32.095641 -103.519474

SCALE: As Shown

Date: 4/25/2022



Carmona Resources
 310 West Wall Street, Suite 415
 Midland, Texas 79701

NOTES:

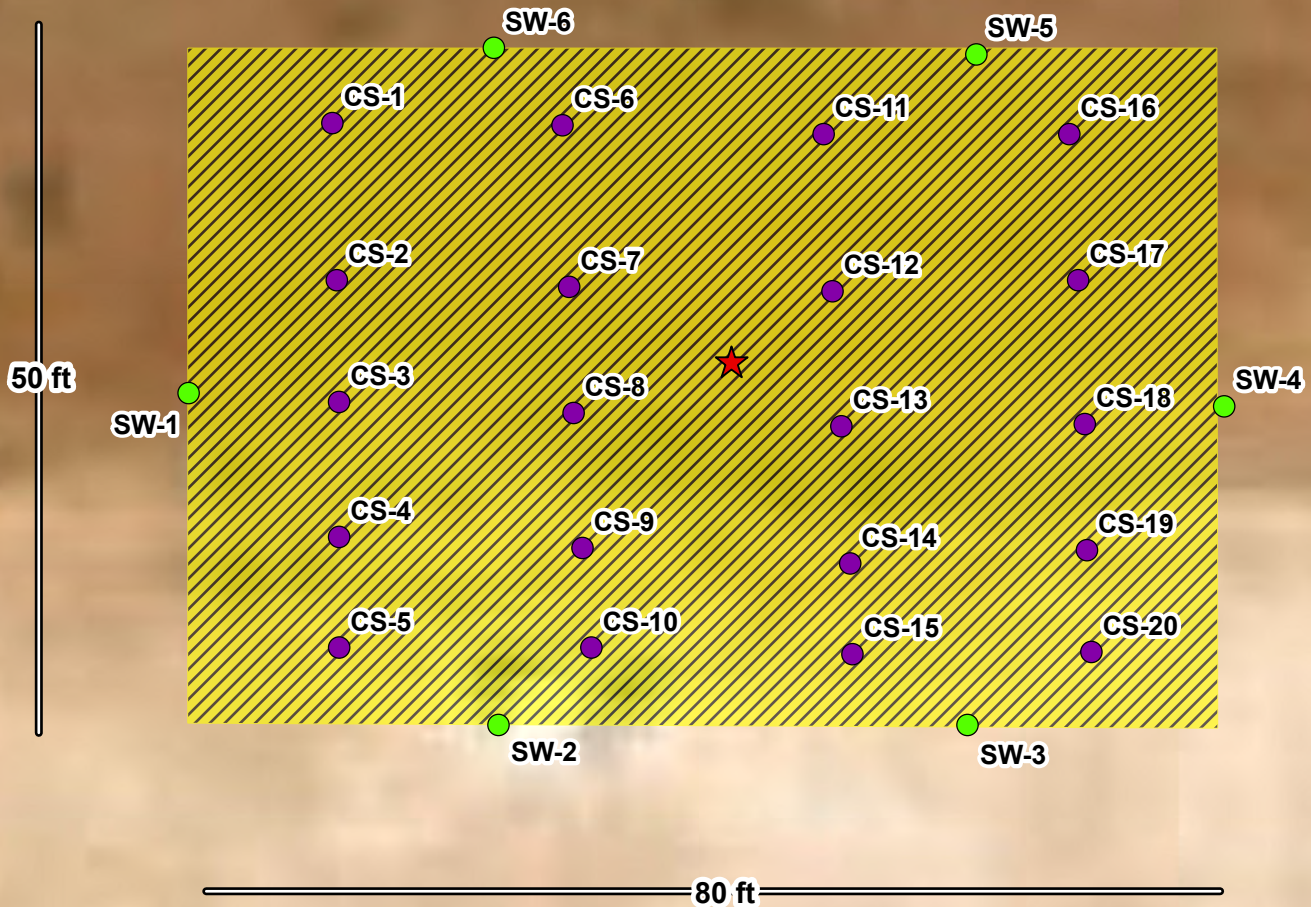
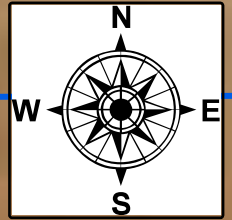
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

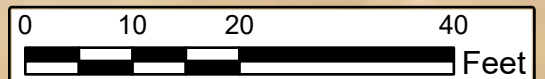
1 of 1



Legend

- POR - Portable Flare
- Confirmation Samples
- Sidewall Samples
- COG Disposal Water Line
- 3.0 ft Excavation

Pad



EXCAVATION DEPTH MAP
COG OPERATING
 DOMINATOR 25 FEDERAL COM 102H
 LEA COUNTY, NEW MEXICO
 32.095641 -103.519474

SCALE: As Shown

Date: 4/25/2022



Carmona Resources
 310 West Wall Street, Suite 415
 Midland, Texas 79701

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

APPENDIX A

CARMONA RESOURCES



Table 1
COG
Dominator 25 Fed Com 102H Flare Pit
Lea 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	3/22/2022	0-1	<49.9	447	<49.9	447	<0.00201	<0.00201	0.00866	0.0437	0.0524	3,210	
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	0.0148	<0.00200	<0.00400	0.0148	2,720	
	"	2	<50.0	865	<50.0	865	<0.00199	<0.00199	0.0186	0.0987	0.117	2,180	
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	93.8	
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	28.4	
H-1	3/22/2022	0-0.5	<49.8	72.3	<49.8	72.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	507	
H-2	3/22/2022	0-0.5	<50.0	93.1	<50.0	93.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	889	
H-3	3/22/2022	0-0.5	<50.0	90.4	<50.0	90.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	791	
H-4	3/22/2022	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	330	
Regulatory Criteria ^							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
COG
Dominator 25 Fed Com 102H Flare Pit
Lea 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	4/14/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	116	
CS-2	4/14/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	87.8	
CS-3	4/14/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	92.9	
CS-4	4/14/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	151	
CS-5	4/14/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	158	
CS-6	4/14/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	156	
CS-7	4/14/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	327	
CS-8	4/14/2022	3.0	<49.9	51.1	<49.9	51.1	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	324	
CS-9	4/14/2022	3.0	<49.9	56.0	<49.9	56.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	332	
CS-10	4/14/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	59.2	
CS-11	4/14/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	150	
CS-12	4/14/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	90.9	
CS-13	4/14/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	139	
CS-14	4/14/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	124	
CS-15	4/14/2022	3.0	<50.0	96.4	<50.0	96.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	127	
CS-16	4/14/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	80.4	
CS-17	4/14/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	91.0	
CS-18	4/14/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	90.0	
CS-19	4/14/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	189	
CS-20	4/14/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	249	
SW-1	4/14/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	85.8	
SW-2	4/14/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	161	
SW-3	4/14/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	124	
SW-4	4/14/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00202	0.0024	<0.00202	<0.00404	<0.00404	267	
SW-5	4/14/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	85.0	
SW-6	4/14/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	79.3	
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

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: Dominator 25 Fed Com 102H
(02.05.22)

County: Lea County, New Mexico

Description:

View Northeast of confirmation samples (1-20)



Photograph No. 2

Facility: Dominator 25 Fed Com 102H
(02.05.22)

County: Lea County, New Mexico

Description:

View East of confirmation samples (1-20)



Photograph No. 3

Facility: Dominator 25 Fed Com 102H
(02.05.22)

County: Lea County, New Mexico

Description:

View Southwest of confirmation samples (1-20)



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: Dominator 25 Fed Com 102H
(02.05.22)

County: Lea County, New Mexico

Description:

View West of confirmation samples (1-20)



Photograph No. 5

Facility: Dominator 25 Fed Com 102H
(02.05.22)

County: Lea County, New Mexico

Description:

View Northwest of confirmation samples (1-20)



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

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></u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>03/16/2022</u>

NAPP2207443537

Number: Dominator 25 Federal Com 102H / Nabors 89

Asset Area:	Delaware Basin East North
-------------	---------------------------

Release Discovery Date & Time: aturday, February 05, 2022 2:00:00 PM, Central Standard Time

Release Type:	Other
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Provide any known details about the event:

Spill Calculation - On Pad Surface Pool Spill

Released to Imaging: 5/12/2022 4:15:26 PM

Total Volume Release:	3.139
-----------------------	-------

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 90448

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 90448
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	3/16/2022

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

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Justin Carlile Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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: Justin Carlile Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: 05/12/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

From: Mike Carmona
Sent: Tuesday, April 12, 2022 9:10 AM
To: OCD.Enviro@state.nm.us
Cc: Carlile, Justin; Clint Merritt
Subject: COG- Dominator 25 Fed Com 102H Flare Pit 48 Hour Sampling Notification

Good morning,

On behalf of COG, Carmona Resources will be collecting confirmation samples at the below-referenced site for the remediation on 04/14/2022 at 9:30 a.m. Mountain Time. Please let me know if you have any questions.

Dominator 25 Fed Com 102H Flare Pit
Incident Id NAPP2207443537
Sec 25 T25S R33E Unit P
32.095641°, -103.519474°
Lea County, New Mexico

Mike J. Carmona
310 West Wall Street, Suite 415
Midland TX, 79701
M: 432-813-1992
Mcarmona@carmonaresources.com



APPENDIX D

CARMONA RESOURCES



Nearest water well

COG Operating

Legend

 0.50 Mile Radius

 1.43 Miles

 1.46 Miles

 1.70 Miles

 Dominator 25 Fed Com 102H Flare Pit

 NMSEO Water Well

 USGS Water Well

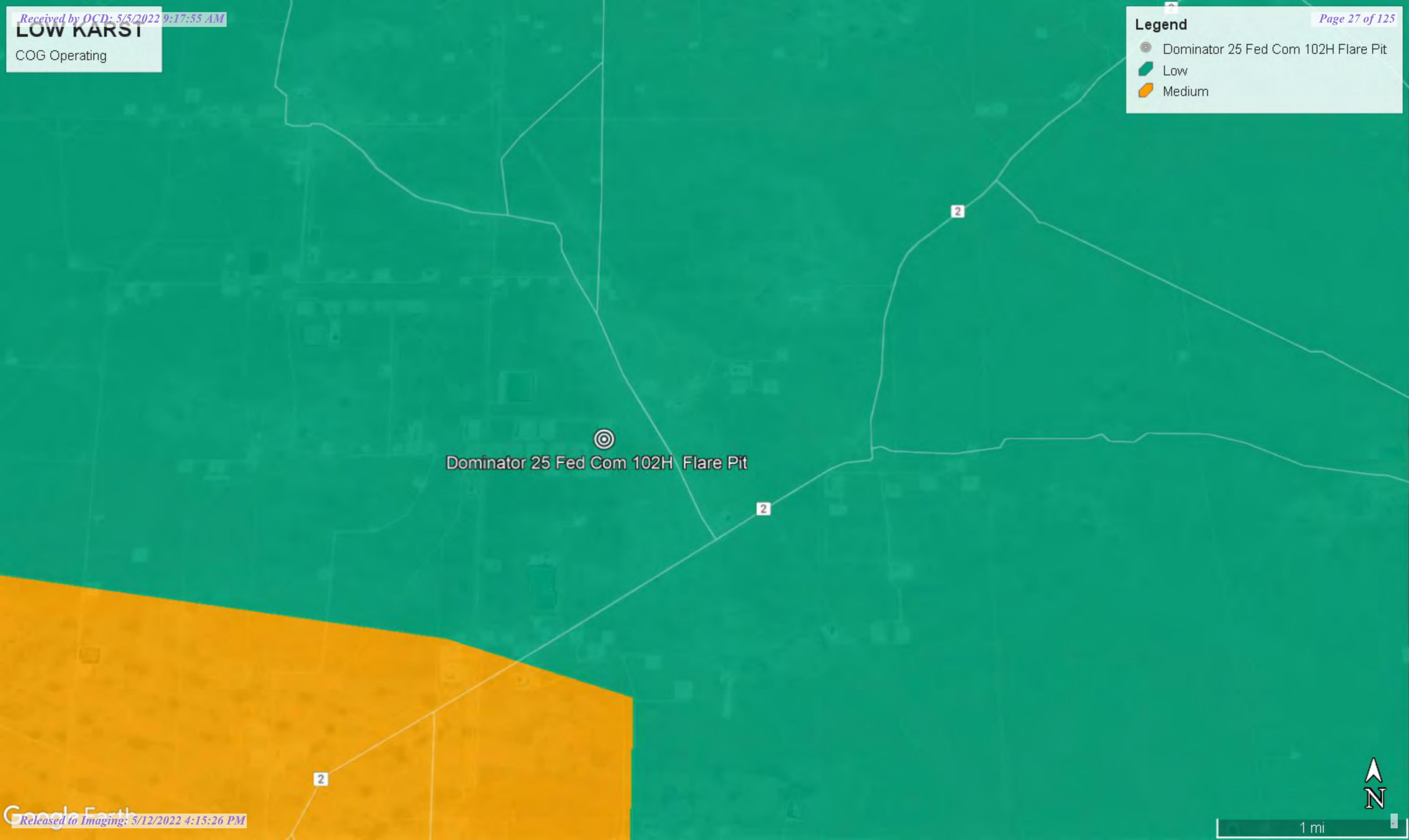


LOW KARST

COG Operating

Legend

-  Dominator 25 Fed Com 102H Flare Pit
-  Low
-  Medium





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	Depth Well	Depth Water	Water Column
C 02312		CUB	LE	1	2	1	05	25S	33E	632292	3559772	150	90	60
C 02313		CUB	LE	2	3	3	26	25S	33E	636971	3552098*	150	110	40
C 02373 CLW317846	O	CUB	LE	2	1	1	13	25S	33E	638518	3556544*	625	185	440
C 02373 S		CUB	LE	1	2	1	13	25S	33E	638721	3556549*	625	185	440
C 04537 POD1	C	LE		4	4	4	31	25S	33E	631847	3550243	500	280	220

Average Depth to Water: **170 feet**

Minimum Depth: **90 feet**

Maximum Depth: **280 feet**

Record Count: 5

PLSS Search:

Township: 25S

Range: 33E

*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.

3/17/22 5:18 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)						X	Y
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng		
C	02316	3	4	3	29	25S	34E	642003	3551967*
Driller License:					Driller Company:				
Driller Name: UNKNOWN									
Drill Start Date: 01/01/1880		Drill Finish Date:			06/30/1880		Plug Date:		
Log File Date:		PCW Rev Date:					Source:		
Pump Type:		Pipe Discharge Size:					Estimated Yield: 60 GPM		
Casing Size: 6.50		Depth Well:			100 feet		Depth Water: 50 feet		

*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.

3/17/22 5:20 PM

POINT OF DIVERSION SUMMARY



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

Click to hideNews Bulletins

- Explore the NEW [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320523103294401

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

USGS 320523103294401 25S.34E.29.343322

Lea County, New Mexico
Latitude 32°05'23", Longitude 103°29'44" NAD27
Land-surface elevation 3,321 feet above NAVD88
The depth of the well is 165 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) 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
1970-12-08			D 62610		3192.28	NGVD29	1		Z	
1970-12-08			D 62611		3193.85	NAVD88	1		Z	
1970-12-08			D 72019	127.15			1		Z	
1976-01-08			D 62610		3191.94	NGVD29	1		Z	
1976-01-08			D 62611		3193.51	NAVD88	1		Z	
1976-01-08			D 72019	127.49			1		Z	
1981-03-25			D 62610		3187.33	NGVD29	1		Z	
1981-03-25			D 62611		3188.90	NAVD88	1		Z	
1981-03-25			D 72019	132.10			1		Z	
1986-03-12			D 62610		3189.20	NGVD29	1		Z	
1986-03-12			D 62611		3190.77	NAVD88	1		Z	
1986-03-12			D 72019	130.23			1		Z	
1991-06-06			D 62610		3190.92	NGVD29	1		Z	
1991-06-06			D 62611		3192.49	NAVD88	1		Z	

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1991-06-06			D	72019	128.51		1	Z		

Explanation

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

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



Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2022-03-17 19:25:18 EDT
0.34 0.3 nadww01



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	Tw	Rng	X	Y
	C 02313	2	3	3	26	25S	33E	636971	3552098*
Driller License:		Driller Company:							
Driller Name:		UNKNOWN							
Drill Start Date:		01/01/1925		Drill Finish Date:		06/30/1925		Plug Date:	
Log File Date:				PCW Rev Date:				Source:	
Pump Type:				Pipe Discharge Size:				Estimated Yield:	
								60 GPM	
Casing Size:		6.88		Depth Well:		150 feet		Depth Water:	
								110 feet	

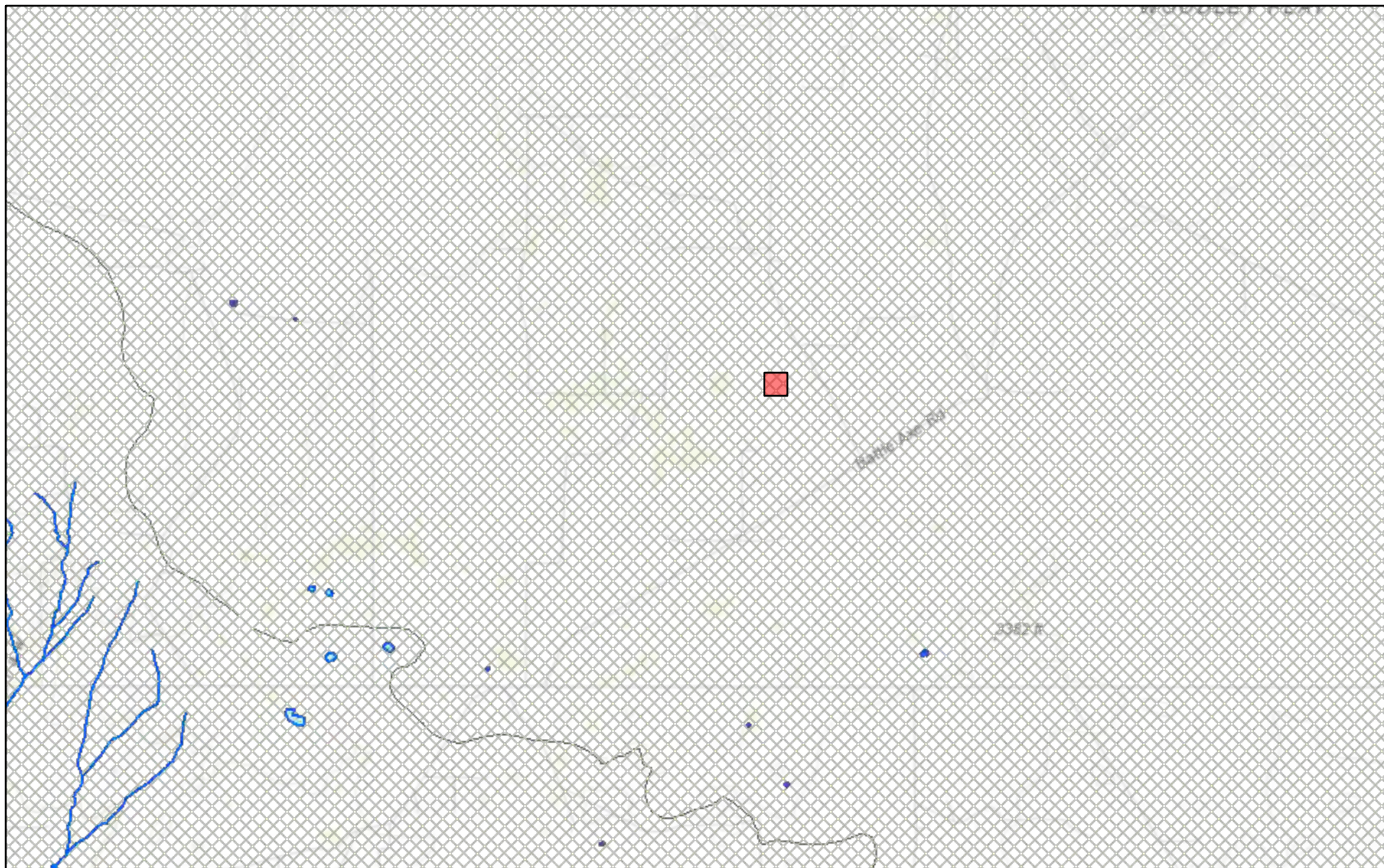
*UTM location was derived from PLSS - see Help

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.

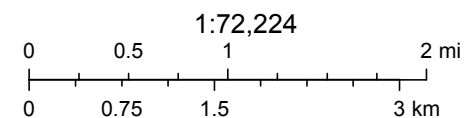
3/17/22 5:23 PM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



March 17, 2022



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 America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-12790-1

Laboratory Sample Delivery Group: Lea Co, NM

Client Project/Site: Dominator 25 Fed Com 102H Flare Pit

For:

Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Attn: Conner Moehring

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
3/29/2022 2:12:18 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Laboratory Job ID: 880-12790-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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.

GC Semi VOA

Qualifier	Qualifier Description
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.
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: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

Job ID: 880-12790-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-12790-1

Receipt

The samples were received on 3/23/2022 2:17 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 0.1°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-22245 and analytical batch 880-22323 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-22245 and analytical batch 880-22323 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

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.

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-12790-1

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/24/22 13:50	03/24/22 16:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/24/22 13:50	03/24/22 16:17	1
Ethylbenzene	0.00866		0.00201		mg/Kg		03/24/22 13:50	03/24/22 16:17	1
m-Xylene & p-Xylene	0.0254		0.00402		mg/Kg		03/24/22 13:50	03/24/22 16:17	1
o-Xylene	0.0183		0.00201		mg/Kg		03/24/22 13:50	03/24/22 16:17	1
Xylenes, Total	0.0437		0.00402		mg/Kg		03/24/22 13:50	03/24/22 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	03/24/22 13:50	03/24/22 16:17	1
1,4-Difluorobenzene (Surr)	107		70 - 130	03/24/22 13:50	03/24/22 16:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0524		0.00402		mg/Kg			03/25/22 16:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	447		49.9		mg/Kg			03/24/22 16:08	1

Method: 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		03/23/22 16:00	03/23/22 16:48	1
Diesel Range Organics (Over C10-C28)	447		49.9		mg/Kg		03/23/22 16:00	03/23/22 16:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/22 16:00	03/23/22 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				03/23/22 16:00	03/23/22 16:48	1
o-Terphenyl	111		70 - 130				03/23/22 16:00	03/23/22 16:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3210		25.0		mg/Kg			03/27/22 23:08	5

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-12790-2

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/24/22 13:50	03/24/22 16:38	1
Toluene	0.0148		0.00200		mg/Kg		03/24/22 13:50	03/24/22 16:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/24/22 13:50	03/24/22 16:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/24/22 13:50	03/24/22 16:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/24/22 13:50	03/24/22 16:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/24/22 13:50	03/24/22 16:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	03/24/22 13:50	03/24/22 16:38	1
1,4-Difluorobenzene (Surr)	109		70 - 130	03/24/22 13:50	03/24/22 16:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-12790-2

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0148		0.00400		mg/Kg			03/25/22 16:09	1

Method: 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			03/24/22 16:08	1

Method: 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		03/23/22 16:00	03/23/22 17:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/22 16:00	03/23/22 17:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/22 16:00	03/23/22 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				03/23/22 16:00	03/23/22 17:09	1
o-Terphenyl	107		70 - 130				03/23/22 16:00	03/23/22 17:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2720		24.9		mg/Kg			03/27/22 23:35	5

Client Sample ID: S-1 (2')

Lab Sample ID: 880-12790-3

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/24/22 13:50	03/24/22 19:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/24/22 13:50	03/24/22 19:02	1
Ethylbenzene	0.0186		0.00199		mg/Kg		03/24/22 13:50	03/24/22 19:02	1
m-Xylene & p-Xylene	0.0579		0.00398		mg/Kg		03/24/22 13:50	03/24/22 19:02	1
o-Xylene	0.0408		0.00199		mg/Kg		03/24/22 13:50	03/24/22 19:02	1
Xylenes, Total	0.0987		0.00398		mg/Kg		03/24/22 13:50	03/24/22 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130				03/24/22 13:50	03/24/22 19:02	1
1,4-Difluorobenzene (Surr)	107		70 - 130				03/24/22 13:50	03/24/22 19:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.117		0.00398		mg/Kg			03/25/22 16:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	865		50.0		mg/Kg			03/24/22 16:08	1

Method: 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		03/23/22 16:00	03/23/22 17:29	1
Diesel Range Organics (Over C10-C28)	865		50.0		mg/Kg		03/23/22 16:00	03/23/22 17:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

Client Sample ID: S-1 (2')

Lab Sample ID: 880-12790-3

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

Method: 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		03/23/22 16:00	03/23/22 17:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				03/23/22 16:00	03/23/22 17:29	1
o-Terphenyl	105		70 - 130				03/23/22 16:00	03/23/22 17:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2180		25.0		mg/Kg			03/27/22 23:44	5

Client Sample ID: S-1 (3')

Lab Sample ID: 880-12790-4

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200		mg/Kg		03/25/22 08:47	03/26/22 08:56	1
Toluene	<0.00200	U F1 F2	0.00200		mg/Kg		03/25/22 08:47	03/26/22 08:56	1
Ethylbenzene	<0.00200	U F1 F2	0.00200		mg/Kg		03/25/22 08:47	03/26/22 08:56	1
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.00399		mg/Kg		03/25/22 08:47	03/26/22 08:56	1
o-Xylene	0.00205	F1	0.00200		mg/Kg		03/25/22 08:47	03/26/22 08:56	1
Xylenes, Total	<0.00399	U F1 F2	0.00399		mg/Kg		03/25/22 08:47	03/26/22 08:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				03/25/22 08:47	03/26/22 08:56	1
1,4-Difluorobenzene (Surr)	109		70 - 130				03/25/22 08:47	03/26/22 08:56	1

Method: 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			03/25/22 16:09	1

Method: 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			03/24/22 16:08	1

Method: 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		03/23/22 16:00	03/23/22 17:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/22 16:00	03/23/22 17:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/22 16:00	03/23/22 17:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				03/23/22 16:00	03/23/22 17:50	1
o-Terphenyl	94		70 - 130				03/23/22 16:00	03/23/22 17:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	93.8		4.95		mg/Kg			03/27/22 23:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

Client Sample ID: S-1 (4')

Lab Sample ID: 880-12790-5

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/25/22 08:47	03/26/22 09:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/25/22 08:47	03/26/22 09:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/25/22 08:47	03/26/22 09:17	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/25/22 08:47	03/26/22 09:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/25/22 08:47	03/26/22 09:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/25/22 08:47	03/26/22 09:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/25/22 08:47	03/26/22 09:17	1
1,4-Difluorobenzene (Surr)	111		70 - 130	03/25/22 08:47	03/26/22 09:17	1

Method: 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			03/25/22 16:09	1

Method: 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			03/24/22 16:08	1

Method: 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		03/23/22 16:00	03/23/22 18:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/22 16:00	03/23/22 18:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/22 16:00	03/23/22 18:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	03/23/22 16:00	03/23/22 18:10	1
o-Terphenyl	118		70 - 130	03/23/22 16:00	03/23/22 18:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.4		4.95		mg/Kg			03/28/22 00:02	1

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

Lab Sample ID: 880-12790-6

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/25/22 08:47	03/26/22 09:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/25/22 08:47	03/26/22 09:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/25/22 08:47	03/26/22 09:37	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/25/22 08:47	03/26/22 09:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/25/22 08:47	03/26/22 09:37	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/25/22 08:47	03/26/22 09:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	03/25/22 08:47	03/26/22 09:37	1
1,4-Difluorobenzene (Surr)	112		70 - 130	03/25/22 08:47	03/26/22 09:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-12790-6

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

Method: 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			03/25/22 16:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	72.3		49.8		mg/Kg			03/24/22 16:08	1

Method: 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		03/23/22 16:00	03/23/22 18:31	1
Diesel Range Organics (Over C10-C28)	72.3		49.8		mg/Kg		03/23/22 16:00	03/23/22 18:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/23/22 16:00	03/23/22 18:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				03/23/22 16:00	03/23/22 18:31	1
o-Terphenyl	93		70 - 130				03/23/22 16:00	03/23/22 18:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	507		4.98		mg/Kg			03/28/22 00:28	1

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

Lab Sample ID: 880-12790-7

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/25/22 08:47	03/26/22 09:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/25/22 08:47	03/26/22 09:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/25/22 08:47	03/26/22 09:58	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/25/22 08:47	03/26/22 09:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/25/22 08:47	03/26/22 09:58	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/25/22 08:47	03/26/22 09:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				03/25/22 08:47	03/26/22 09:58	1
1,4-Difluorobenzene (Surr)	107		70 - 130				03/25/22 08:47	03/26/22 09:58	1

Method: 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			03/25/22 16:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	93.1		50.0		mg/Kg			03/24/22 16:08	1

Method: 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		03/23/22 16:00	03/23/22 18:51	1
Diesel Range Organics (Over C10-C28)	93.1		50.0		mg/Kg		03/23/22 16:00	03/23/22 18:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-12790-7

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

Method: 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		03/23/22 16:00	03/23/22 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				03/23/22 16:00	03/23/22 18:51	1
o-Terphenyl	103		70 - 130				03/23/22 16:00	03/23/22 18:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	889		5.00		mg/Kg			03/28/22 00:37	1

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

Lab Sample ID: 880-12790-8

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/25/22 08:47	03/26/22 10:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/25/22 08:47	03/26/22 10:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/25/22 08:47	03/26/22 10:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/25/22 08:47	03/26/22 10:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/25/22 08:47	03/26/22 10:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/25/22 08:47	03/26/22 10:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				03/25/22 08:47	03/26/22 10:18	1
1,4-Difluorobenzene (Surr)	110		70 - 130				03/25/22 08:47	03/26/22 10:18	1

Method: 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			03/25/22 16:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	90.4		50.0		mg/Kg			03/24/22 16:08	1

Method: 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		03/23/22 16:00	03/23/22 19:11	1
Diesel Range Organics (Over C10-C28)	90.4		50.0		mg/Kg		03/23/22 16:00	03/23/22 19:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/22 16:00	03/23/22 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				03/23/22 16:00	03/23/22 19:11	1
o-Terphenyl	95		70 - 130				03/23/22 16:00	03/23/22 19:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	791		4.99		mg/Kg			03/28/22 00:46	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-12790-9

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/25/22 08:47	03/26/22 10:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/25/22 08:47	03/26/22 10:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/25/22 08:47	03/26/22 10:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/25/22 08:47	03/26/22 10:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/25/22 08:47	03/26/22 10:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/25/22 08:47	03/26/22 10:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/25/22 08:47	03/26/22 10:39	1
1,4-Difluorobenzene (Surr)	110		70 - 130	03/25/22 08:47	03/26/22 10:39	1

Method: 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			03/25/22 16:09	1

Method: 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			03/24/22 16:08	1

Method: 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		03/24/22 08:49	03/24/22 12:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/24/22 08:49	03/24/22 12:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/24/22 08:49	03/24/22 12:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	03/24/22 08:49	03/24/22 12:19	1
o-Terphenyl	97		70 - 130	03/24/22 08:49	03/24/22 12:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		5.00		mg/Kg			03/28/22 00:55	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

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)				
880-12790-1	S-1 (0-1')	124	107				
880-12790-2	S-1 (1.5')	116	109				
880-12790-3	S-1 (2')	135 S1+	107				
880-12790-4	S-1 (3')	109	109				
880-12790-4 MS	S-1 (3')	109	106				
880-12790-4 MSD	S-1 (3')	109	110				
880-12790-5	S-1 (4')	107	111				
880-12790-6	H-1 (0-0.5)	111	112				
880-12790-7	H-2 (0-0.5)	110	107				
880-12790-8	H-3 (0-0.5)	110	110				
880-12790-9	H-4 (0-0.5)	108	110				
880-12798-A-1-B MS	Matrix Spike	125	105				
880-12798-A-1-C MSD	Matrix Spike Duplicate	103	109				
LCS 880-22227/1-A	Lab Control Sample	101	111				
LCS 880-22245/1-A	Lab Control Sample	106	112				
LCSD 880-22227/2-A	Lab Control Sample Dup	105	113				
LCSD 880-22245/2-A	Lab Control Sample Dup	105	112				
MB 880-21822/5-A	Method Blank	103	105				
MB 880-22227/5-A	Method Blank	102	103				
MB 880-22245/5-A	Method Blank	98	103				

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)				
880-12790-1	S-1 (0-1')	101	111				
880-12790-2	S-1 (1.5')	97	107				
880-12790-3	S-1 (2')	97	105				
880-12790-4	S-1 (3')	86	94				
880-12790-5	S-1 (4')	107	118				
880-12790-6	H-1 (0-0.5)	89	93				
880-12790-7	H-2 (0-0.5)	94	103				
880-12790-8	H-3 (0-0.5)	91	95				
880-12790-9	H-4 (0-0.5)	107	97				
880-12790-9 MS	H-4 (0-0.5)	102	90				
880-12790-9 MSD	H-4 (0-0.5)	94	77				
890-2119-A-1-F MS	Matrix Spike	101	107				
890-2119-A-1-G MSD	Matrix Spike Duplicate	100	106				
LCS 880-22246/2-A	Lab Control Sample	114	119				
LCSD 880-22246/3-A	Lab Control Sample Dup	119	123				
MB 880-22246/1-A	Method Blank	117	125				

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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Surrogate Summary

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

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	1CO2	OTPH2				
		(70-130)	(70-130)				
LCS 880-22186/2-A	Lab Control Sample	93	101				
LCSD 880-22186/3-A	Lab Control Sample Dup	93	100				
MB 880-22186/1-A	Method Blank	98	114				
Surrogate Legend							
1CO = 1-Chlorooctane							
OTPH = o-Terphenyl							

QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-21822/5-A

Matrix: Solid

Analysis Batch: 22323

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21822

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/22/22 13:53	03/25/22 21:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/22/22 13:53	03/25/22 21:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/22/22 13:53	03/25/22 21:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/22/22 13:53	03/25/22 21:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/22/22 13:53	03/25/22 21:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/22/22 13:53	03/25/22 21:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	03/22/22 13:53	03/25/22 21:37	1
1,4-Difluorobenzene (Surr)	105		70 - 130	03/22/22 13:53	03/25/22 21:37	1

Lab Sample ID: MB 880-22227/5-A

Matrix: Solid

Analysis Batch: 22236

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22227

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/24/22 07:30	03/24/22 11:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/24/22 07:30	03/24/22 11:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/24/22 07:30	03/24/22 11:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/24/22 07:30	03/24/22 11:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/24/22 07:30	03/24/22 11:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/24/22 07:30	03/24/22 11:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	03/24/22 07:30	03/24/22 11:23	1
1,4-Difluorobenzene (Surr)	103		70 - 130	03/24/22 07:30	03/24/22 11:23	1

Lab Sample ID: LCS 880-22227/1-A

Matrix: Solid

Analysis Batch: 22236

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22227

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09157		mg/Kg		92	70 - 130
Toluene	0.100	0.09172		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.09572		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09719		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: LCSD 880-22227/2-A

Matrix: Solid

Analysis Batch: 22236

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22227

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.08966		mg/Kg		90	70 - 130	2	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-22227/2-A

Matrix: Solid

Analysis Batch: 22236

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22227

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.100	0.08916		mg/Kg		89	70 - 130	3	35
Ethylbenzene	0.100	0.09231		mg/Kg		92	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1911		mg/Kg		96	70 - 130	3	35
o-Xylene	0.100	0.09426		mg/Kg		94	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 880-12798-A-1-B MS

Matrix: Solid

Analysis Batch: 22236

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 22227

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U	0.0998	0.1087		mg/Kg		109	70 - 130
Toluene	<0.00198	U	0.0998	0.09832		mg/Kg		98	70 - 130
Ethylbenzene	<0.00198	U	0.0998	0.1010		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.200	0.2547		mg/Kg		127	70 - 130
o-Xylene	<0.00198	U	0.0998	0.1181		mg/Kg		118	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-12798-A-1-C MSD

Matrix: Solid

Analysis Batch: 22236

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 22227

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.0990	0.08779		mg/Kg		89	70 - 130	21	35
Toluene	<0.00198	U	0.0990	0.08896		mg/Kg		89	70 - 130	10	35
Ethylbenzene	<0.00198	U	0.0990	0.09661		mg/Kg		97	70 - 130	4	35
m-Xylene & p-Xylene	<0.00396	U	0.198	0.1949		mg/Kg		98	70 - 130	27	35
o-Xylene	<0.00198	U	0.0990	0.1062		mg/Kg		107	70 - 130	11	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: MB 880-22245/5-A

Matrix: Solid

Analysis Batch: 22323

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22245

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/25/22 08:47	03/26/22 08:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/25/22 08:47	03/26/22 08:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/25/22 08:47	03/26/22 08:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/25/22 08:47	03/26/22 08:34	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-22245/5-A

Matrix: Solid

Analysis Batch: 22323

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22245

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/25/22 08:47	03/26/22 08:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/25/22 08:47	03/26/22 08:34	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				03/25/22 08:47	03/26/22 08:34	1
1,4-Difluorobenzene (Surr)	103		70 - 130				03/25/22 08:47	03/26/22 08:34	1

Lab Sample ID: LCS 880-22245/1-A

Matrix: Solid

Analysis Batch: 22323

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22245

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09706		mg/Kg		97	70 - 130
Toluene	0.100	0.09553		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09820		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.1996		mg/Kg		100	70 - 130
o-Xylene	0.100	0.1011		mg/Kg		101	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	106		70 - 130				
1,4-Difluorobenzene (Surr)	112		70 - 130				

Lab Sample ID: LCSD 880-22245/2-A

Matrix: Solid

Analysis Batch: 22323

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22245

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.08954		mg/Kg		90	70 - 130	8	35
Toluene	0.100	0.08838		mg/Kg		88	70 - 130	8	35
Ethylbenzene	0.100	0.09248		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1892		mg/Kg		95	70 - 130	5	35
o-Xylene	0.100	0.09514		mg/Kg		95	70 - 130	6	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	105		70 - 130						
1,4-Difluorobenzene (Surr)	112		70 - 130						

Lab Sample ID: 880-12790-4 MS

Matrix: Solid

Analysis Batch: 22323

Client Sample ID: S-1 (3')

Prep Type: Total/NA

Prep Batch: 22245

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1 F2	0.101	0.04676	F1	mg/Kg		46	70 - 130
Toluene	<0.00200	U F1 F2	0.101	0.04985	F1	mg/Kg		49	70 - 130
Ethylbenzene	<0.00200	U F1 F2	0.101	0.05415	F1	mg/Kg		53	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.202	0.1139	F1	mg/Kg		55	70 - 130
o-Xylene	0.00205	F1	0.101	0.05957	F1	mg/Kg		57	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-12790-4 MS

Matrix: Solid

Analysis Batch: 22323

Client Sample ID: S-1 (3')

Prep Type: Total/NA

Prep Batch: 22245

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-12790-4 MSD

Matrix: Solid

Analysis Batch: 22323

Client Sample ID: S-1 (3')

Prep Type: Total/NA

Prep Batch: 22245

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.0996	0.07853	F2	mg/Kg		79	70 - 130	51	35
Toluene	<0.00200	U F1 F2	0.0996	0.07773	F2	mg/Kg		78	70 - 130	44	35
Ethylbenzene	<0.00200	U F1 F2	0.0996	0.08062	F2	mg/Kg		80	70 - 130	39	35
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.199	0.1656	F2	mg/Kg		82	70 - 130	37	35
o-Xylene	0.00205	F1	0.0996	0.08390		mg/Kg		82	70 - 130	34	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

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

Lab Sample ID: MB 880-22186/1-A

Matrix: Solid

Analysis Batch: 22176

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22186

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		03/23/22 08:44	03/23/22 10:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/22 08:44	03/23/22 10:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/22 08:44	03/23/22 10:59	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	98		70 - 130	03/23/22 08:44	03/23/22 10:59	1			
o-Terphenyl	114		70 - 130	03/23/22 08:44	03/23/22 10:59	1			

Lab Sample ID: LCS 880-22186/2-A

Matrix: Solid

Analysis Batch: 22176

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22186

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1095		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	900.2		mg/Kg		90	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	101		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-22186/3-A

Matrix: Solid

Analysis Batch: 22176

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22186

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1155		mg/Kg		115	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	935.4		mg/Kg		94	70 - 130	4	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	93		70 - 130						
o-Terphenyl	100		70 - 130						

Lab Sample ID: 890-2119-A-1-F MS

Matrix: Solid

Analysis Batch: 22176

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 22186

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	<49.8	U	998	876.0		mg/Kg		88	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	998	820.7		mg/Kg		79	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	101		70 - 130								
o-Terphenyl	107		70 - 130								

Lab Sample ID: 890-2119-A-1-G MSD

Matrix: Solid

Analysis Batch: 22176

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 22186

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	999	886.4		mg/Kg		89	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	821.1		mg/Kg		79	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	100		70 - 130								
o-Terphenyl	106		70 - 130								

Lab Sample ID: MB 880-22246/1-A

Matrix: Solid

Analysis Batch: 22241

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22246

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		03/24/22 08:49	03/24/22 11:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/24/22 08:49	03/24/22 11:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/22 08:49	03/24/22 11:17	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-22246/1-A

Matrix: Solid

Analysis Batch: 22241

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22246

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	03/24/22 08:49	03/24/22 11:17	1
o-Terphenyl	125		70 - 130	03/24/22 08:49	03/24/22 11:17	1

Lab Sample ID: LCS 880-22246/2-A

Matrix: Solid

Analysis Batch: 22241

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22246

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	910.2		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1169		mg/Kg		117	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: LCSD 880-22246/3-A

Matrix: Solid

Analysis Batch: 22241

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22246

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	949.6		mg/Kg		95	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	1220		mg/Kg		122	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	119		70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 880-12790-9 MS

Matrix: Solid

Analysis Batch: 22241

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

Prep Type: Total/NA

Prep Batch: 22246

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	970.1		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	998	1060		mg/Kg		101	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	90		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-12790-9 MSD

Matrix: Solid

Analysis Batch: 22241

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

Prep Type: Total/NA

Prep Batch: 22246

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	999	989.4		mg/Kg		99	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	935.7		mg/Kg		89	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	94		70 - 130								
o-Terphenyl	77		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-22264/1-A

Matrix: Solid

Analysis Batch: 22444

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			03/27/22 22:24	1

Lab Sample ID: LCS 880-22264/2-A

Matrix: Solid

Analysis Batch: 22444

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	241.4		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-22264/3-A

Matrix: Solid

Analysis Batch: 22444

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	242.3		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-12790-1 MS

Matrix: Solid

Analysis Batch: 22444

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	3210		1250	4452		mg/Kg		99	90 - 110

Lab Sample ID: 880-12790-1 MSD

Matrix: Solid

Analysis Batch: 22444

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	3210		1250	4442		mg/Kg		99	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 21822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-21822/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 22227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12790-1	S-1 (0-1')	Total/NA	Solid	5035	
880-12790-2	S-1 (1.5')	Total/NA	Solid	5035	
880-12790-3	S-1 (2')	Total/NA	Solid	5035	
MB 880-22227/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-22227/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-22227/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-12798-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-12798-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 22236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12790-1	S-1 (0-1')	Total/NA	Solid	8021B	22227
880-12790-2	S-1 (1.5')	Total/NA	Solid	8021B	22227
880-12790-3	S-1 (2')	Total/NA	Solid	8021B	22227
MB 880-22227/5-A	Method Blank	Total/NA	Solid	8021B	22227
LCS 880-22227/1-A	Lab Control Sample	Total/NA	Solid	8021B	22227
LCSD 880-22227/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	22227
880-12798-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	22227
880-12798-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	22227

Prep Batch: 22245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12790-4	S-1 (3')	Total/NA	Solid	5035	
880-12790-5	S-1 (4')	Total/NA	Solid	5035	
880-12790-6	H-1 (0-0.5)	Total/NA	Solid	5035	
880-12790-7	H-2 (0-0.5)	Total/NA	Solid	5035	
880-12790-8	H-3 (0-0.5)	Total/NA	Solid	5035	
880-12790-9	H-4 (0-0.5)	Total/NA	Solid	5035	
MB 880-22245/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-22245/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-22245/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-12790-4 MS	S-1 (3')	Total/NA	Solid	5035	
880-12790-4 MSD	S-1 (3')	Total/NA	Solid	5035	

Analysis Batch: 22323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12790-4	S-1 (3')	Total/NA	Solid	8021B	22245
880-12790-5	S-1 (4')	Total/NA	Solid	8021B	22245
880-12790-6	H-1 (0-0.5)	Total/NA	Solid	8021B	22245
880-12790-7	H-2 (0-0.5)	Total/NA	Solid	8021B	22245
880-12790-8	H-3 (0-0.5)	Total/NA	Solid	8021B	22245
880-12790-9	H-4 (0-0.5)	Total/NA	Solid	8021B	22245
MB 880-21822/5-A	Method Blank	Total/NA	Solid	8021B	21822
MB 880-22245/5-A	Method Blank	Total/NA	Solid	8021B	22245
LCS 880-22245/1-A	Lab Control Sample	Total/NA	Solid	8021B	22245
LCSD 880-22245/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	22245
880-12790-4 MS	S-1 (3')	Total/NA	Solid	8021B	22245

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 22323 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12790-4 MSD	S-1 (3')	Total/NA	Solid	8021B	22245

Analysis Batch: 22398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12790-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-12790-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-12790-3	S-1 (2')	Total/NA	Solid	Total BTEX	
880-12790-4	S-1 (3')	Total/NA	Solid	Total BTEX	
880-12790-5	S-1 (4')	Total/NA	Solid	Total BTEX	
880-12790-6	H-1 (0-0.5)	Total/NA	Solid	Total BTEX	
880-12790-7	H-2 (0-0.5)	Total/NA	Solid	Total BTEX	
880-12790-8	H-3 (0-0.5)	Total/NA	Solid	Total BTEX	
880-12790-9	H-4 (0-0.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 22176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12790-1	S-1 (0-1')	Total/NA	Solid	8015B NM	22186
880-12790-2	S-1 (1.5')	Total/NA	Solid	8015B NM	22186
880-12790-3	S-1 (2')	Total/NA	Solid	8015B NM	22186
880-12790-4	S-1 (3')	Total/NA	Solid	8015B NM	22186
880-12790-5	S-1 (4')	Total/NA	Solid	8015B NM	22186
880-12790-6	H-1 (0-0.5)	Total/NA	Solid	8015B NM	22186
880-12790-7	H-2 (0-0.5)	Total/NA	Solid	8015B NM	22186
880-12790-8	H-3 (0-0.5)	Total/NA	Solid	8015B NM	22186
MB 880-22186/1-A	Method Blank	Total/NA	Solid	8015B NM	22186
LCS 880-22186/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	22186
LCSD 880-22186/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	22186
890-2119-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	22186
890-2119-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	22186

Prep Batch: 22186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12790-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-12790-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-12790-3	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-12790-4	S-1 (3')	Total/NA	Solid	8015NM Prep	
880-12790-5	S-1 (4')	Total/NA	Solid	8015NM Prep	
880-12790-6	H-1 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-12790-7	H-2 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-12790-8	H-3 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-22186/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-22186/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-22186/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2119-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2119-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 22241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12790-9	H-4 (0-0.5)	Total/NA	Solid	8015B NM	22246

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 22241 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-22246/1-A	Method Blank	Total/NA	Solid	8015B NM	22246
LCS 880-22246/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	22246
LCSD 880-22246/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	22246
880-12790-9 MS	H-4 (0-0.5)	Total/NA	Solid	8015B NM	22246
880-12790-9 MSD	H-4 (0-0.5)	Total/NA	Solid	8015B NM	22246

Prep Batch: 22246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12790-9	H-4 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-22246/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-22246/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-22246/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-12790-9 MS	H-4 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-12790-9 MSD	H-4 (0-0.5)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 22294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12790-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-12790-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-12790-3	S-1 (2')	Total/NA	Solid	8015 NM	
880-12790-4	S-1 (3')	Total/NA	Solid	8015 NM	
880-12790-5	S-1 (4')	Total/NA	Solid	8015 NM	
880-12790-6	H-1 (0-0.5)	Total/NA	Solid	8015 NM	
880-12790-7	H-2 (0-0.5)	Total/NA	Solid	8015 NM	
880-12790-8	H-3 (0-0.5)	Total/NA	Solid	8015 NM	
880-12790-9	H-4 (0-0.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 22264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12790-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-12790-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-12790-3	S-1 (2')	Soluble	Solid	DI Leach	
880-12790-4	S-1 (3')	Soluble	Solid	DI Leach	
880-12790-5	S-1 (4')	Soluble	Solid	DI Leach	
880-12790-6	H-1 (0-0.5)	Soluble	Solid	DI Leach	
880-12790-7	H-2 (0-0.5)	Soluble	Solid	DI Leach	
880-12790-8	H-3 (0-0.5)	Soluble	Solid	DI Leach	
880-12790-9	H-4 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-22264/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-22264/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-22264/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-12790-1 MS	S-1 (0-1')	Soluble	Solid	DI Leach	
880-12790-1 MSD	S-1 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 22444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12790-1	S-1 (0-1')	Soluble	Solid	300.0	22264
880-12790-2	S-1 (1.5')	Soluble	Solid	300.0	22264
880-12790-3	S-1 (2')	Soluble	Solid	300.0	22264

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 22444 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12790-4	S-1 (3')	Soluble	Solid	300.0	22264
880-12790-5	S-1 (4')	Soluble	Solid	300.0	22264
880-12790-6	H-1 (0-0.5)	Soluble	Solid	300.0	22264
880-12790-7	H-2 (0-0.5)	Soluble	Solid	300.0	22264
880-12790-8	H-3 (0-0.5)	Soluble	Solid	300.0	22264
880-12790-9	H-4 (0-0.5)	Soluble	Solid	300.0	22264
MB 880-22264/1-A	Method Blank	Soluble	Solid	300.0	22264
LCS 880-22264/2-A	Lab Control Sample	Soluble	Solid	300.0	22264
LCSD 880-22264/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	22264
880-12790-1 MS	S-1 (0-1')	Soluble	Solid	300.0	22264
880-12790-1 MSD	S-1 (0-1')	Soluble	Solid	300.0	22264

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-12790-1

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	22227	03/24/22 13:50	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22236	03/24/22 16:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22398	03/25/22 16:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22294	03/24/22 16:08	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22186	03/23/22 16:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			22176	03/23/22 16:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22264	03/24/22 10:31	SC	XEN MID
Soluble	Analysis	300.0		5			22444	03/27/22 23:08	CH	XEN MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-12790-2

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	22227	03/24/22 13:50	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22236	03/24/22 16:38	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22398	03/25/22 16:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22294	03/24/22 16:08	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22186	03/23/22 16:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			22176	03/23/22 17:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	22264	03/24/22 10:31	SC	XEN MID
Soluble	Analysis	300.0		5			22444	03/27/22 23:35	CH	XEN MID

Client Sample ID: S-1 (2')

Lab Sample ID: 880-12790-3

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

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	22227	03/24/22 13:50	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22236	03/24/22 19:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22398	03/25/22 16:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22294	03/24/22 16:08	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22186	03/23/22 16:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			22176	03/23/22 17:29	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22264	03/24/22 10:31	SC	XEN MID
Soluble	Analysis	300.0		5			22444	03/27/22 23:44	CH	XEN MID

Client Sample ID: S-1 (3')

Lab Sample ID: 880-12790-4

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

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	22245	03/25/22 08:47	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22323	03/26/22 08:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22398	03/25/22 16:09	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

Client Sample ID: S-1 (3')

Lab Sample ID: 880-12790-4

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

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			22294	03/24/22 16:08	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22186	03/23/22 16:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			22176	03/23/22 17:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22264	03/24/22 10:31	SC	XEN MID
Soluble	Analysis	300.0		1			22444	03/27/22 23:53	CH	XEN MID

Client Sample ID: S-1 (4')

Lab Sample ID: 880-12790-5

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

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	22245	03/25/22 08:47	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22323	03/26/22 09:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22398	03/25/22 16:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22294	03/24/22 16:08	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	22186	03/23/22 16:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			22176	03/23/22 18:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	22264	03/24/22 10:31	SC	XEN MID
Soluble	Analysis	300.0		1			22444	03/28/22 00:02	CH	XEN MID

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

Lab Sample ID: 880-12790-6

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

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	22245	03/25/22 08:47	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22323	03/26/22 09:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22398	03/25/22 16:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22294	03/24/22 16:08	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	22186	03/23/22 16:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			22176	03/23/22 18:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	22264	03/24/22 10:31	SC	XEN MID
Soluble	Analysis	300.0		1			22444	03/28/22 00:28	CH	XEN MID

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

Lab Sample ID: 880-12790-7

Date Collected: 03/22/22 00:00

Matrix: Solid

Date Received: 03/23/22 14:17

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	22245	03/25/22 08:47	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22323	03/26/22 09:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22398	03/25/22 16:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22294	03/24/22 16:08	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	22186	03/23/22 16:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			22176	03/23/22 18:51	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

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

Date Collected: 03/22/22 00:00

Date Received: 03/23/22 14:17

Lab Sample ID: 880-12790-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	22264	03/24/22 10:31	SC	XEN MID
Soluble	Analysis	300.0		1			22444	03/28/22 00:37	CH	XEN MID

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

Date Collected: 03/22/22 00:00

Date Received: 03/23/22 14:17

Lab Sample ID: 880-12790-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	22245	03/25/22 08:47	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22323	03/26/22 10:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22398	03/25/22 16:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22294	03/24/22 16:08	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22186	03/23/22 16:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			22176	03/23/22 19:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	22264	03/24/22 10:31	SC	XEN MID
Soluble	Analysis	300.0		1			22444	03/28/22 00:46	CH	XEN MID

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

Date Collected: 03/22/22 00:00

Date Received: 03/23/22 14:17

Lab Sample ID: 880-12790-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	22245	03/25/22 08:47	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	22323	03/26/22 10:39	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			22398	03/25/22 16:09	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			22294	03/24/22 16:08	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	22246	03/24/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			22241	03/24/22 12:19	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	22264	03/24/22 10:31	SC	XEN MID
Soluble	Analysis	300.0		1			22444	03/28/22 00:55	CH	XEN MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

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	T104704400-21-22	06-30-22

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: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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:

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

Sample Summary

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-12790-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-12790-1	S-1 (0-1')	Solid	03/22/22 00:00	03/23/22 14:17
880-12790-2	S-1 (1.5')	Solid	03/22/22 00:00	03/23/22 14:17
880-12790-3	S-1 (2')	Solid	03/22/22 00:00	03/23/22 14:17
880-12790-4	S-1 (3')	Solid	03/22/22 00:00	03/23/22 14:17
880-12790-5	S-1 (4')	Solid	03/22/22 00:00	03/23/22 14:17
880-12790-6	H-1 (0-0.5)	Solid	03/22/22 00:00	03/23/22 14:17
880-12790-7	H-2 (0-0.5)	Solid	03/22/22 00:00	03/23/22 14:17
880-12790-8	H-3 (0-0.5)	Solid	03/22/22 00:00	03/23/22 14:17
880-12790-9	H-4 (0-0.5)	Solid	03/22/22 00:00	03/23/22 14:17

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

Work Order No: 12790

Page 1 of 1

Project Manager	Conner Moehring	Bill to (if different)	Justin Carlie
Company Name	Carmona Resources	Company Name	Conoco Phillips
Address	310 West Wall Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	432-813-6823	Email	Justin.Carlie@conocophillips.com/(432) 202-4112

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

Project Name	Dominator 25 Fed Com 102H Flare Pit		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number	1031		☐ Routine	☒ Rush															None NO DI Water H ₂ O Cool Cool MeOH Me HCL HC HNO ₃ HN H ₂ SO ₄ H ₂ NaOH Na H ₃ PO ₄ HP NaHSO ₄ NABIS Na ₂ S ₂ O ₃ NaSO ₃ Zn Acetate+NaOH Zn NaOH+Ascorbic Acid SAPC			
Project Location	Lea Co. NM		Due Date	72Hrs																		
Sampler's Name	CRM		TAT starts the day received by the lab if received by 4:30pm																			
PO #																						
SAMPLE RECEIPT			Temp Blank	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐														
Received Intact	Yes ☒ No ☐	Correction Factor	54-2																			
Cooler Custody Seals	Yes ☒ No ☐	Temperature Reading	54-2																			
Sample Custody Seals	Yes ☒ No ☐	Corrected Temperature	54-1																			
Total Containers																						
Sample Identification			Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
S-1 (0-1')			3/22/2022		X		G	1	X	X	X	X	X	X	X	X						
S-1 (1-5')			3/22/2022		X		G	1	X	X	X	X	X	X	X	X						
S-1 (2')			3/22/2022		X		G	1	X	X	X	X	X	X	X	X						
S-1 (3')			3/22/2022		X		G	1	X	X	X	X	X	X	X	X						
S-1 (4')			3/22/2022		X		G	1	X	X	X	X	X	X	X	X						
H-1 (0-0.5')			3/22/2022		X		G	1	X	X	X	X	X	X	X	X						
H-2 (0-0.5')			3/22/2022		X		G	1	X	X	X	X	X	X	X	X						
H-3 (0-0.5')			3/22/2022		X		G	1	X	X	X	X	X	X	X	X						
H-4 (0-0.5')			3/22/2022		X		G	1	X	X	X	X	X	X	X	X						

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	<i>Justin Carlie</i>	3/23/22 14:17			



Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-12790-1

SDG Number: Lea Co, NM

Login Number: 12790

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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.	N/A	No time on COC, logged in per container labels.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-13725-1

Laboratory Sample Delivery Group: Lea Co, NM

Client Project/Site: Dominator 25 Fed Com 102H Flare Pit

For:

Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Attn: Conner Moehring

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
4/15/2022 6:38:08 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Laboratory Job ID: 880-13725-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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.

GC Semi VOA

Qualifier	Qualifier Description
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.
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: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Job ID: 880-13725-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-13725-1

Receipt

The samples were received on 4/14/2022 12:00 AM. 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 0.1°C

GC VOA

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

GC Semi VOA

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.

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (3')

Lab Sample ID: 880-13725-1

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 12:43	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		04/14/22 15:07	04/15/22 12:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 12:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/14/22 15:07	04/15/22 12:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 12:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/14/22 15:07	04/15/22 12:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	04/14/22 15:07	04/15/22 12:43	1
1,4-Difluorobenzene (Surr)	116		70 - 130	04/14/22 15:07	04/15/22 12:43	1

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/14/22 21:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/14/22 21:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/14/22 21:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	04/14/22 16:25	04/14/22 21:26	1
o-Terphenyl	89		70 - 130	04/14/22 16:25	04/14/22 21:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		5.00		mg/Kg			04/14/22 20:41	1

Client Sample ID: CS-2 (3')

Lab Sample ID: 880-13725-2

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/14/22 15:07	04/15/22 13:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/14/22 15:07	04/15/22 13:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/14/22 15:07	04/15/22 13:04	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/14/22 15:07	04/15/22 13:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/14/22 15:07	04/15/22 13:04	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/14/22 15:07	04/15/22 13:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	04/14/22 15:07	04/15/22 13:04	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/14/22 15:07	04/15/22 13:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-2 (3')

Lab Sample ID: 880-13725-2

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/14/22 22:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/14/22 22:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/14/22 22:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				04/14/22 16:25	04/14/22 22:27	1
o-Terphenyl	100		70 - 130				04/14/22 16:25	04/14/22 22:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.8		4.95		mg/Kg			04/14/22 21:08	1

Client Sample ID: CS-3 (3')

Lab Sample ID: 880-13725-3

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 13:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 13:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 13:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/14/22 15:07	04/15/22 13:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 13:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/14/22 15:07	04/15/22 13:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				04/14/22 15:07	04/15/22 13:24	1
1,4-Difluorobenzene (Surr)	91		70 - 130				04/14/22 15:07	04/15/22 13:24	1

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/14/22 22:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/14/22 22:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-3 (3')

Lab Sample ID: 880-13725-3

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 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		04/14/22 16:25	04/14/22 22:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				04/14/22 16:25	04/14/22 22:47	1
o-Terphenyl	95		70 - 130				04/14/22 16:25	04/14/22 22:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.9		4.98		mg/Kg			04/14/22 21:16	1

Client Sample ID: CS-4 (3')

Lab Sample ID: 880-13725-4

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 13:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 13:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 13:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/14/22 15:07	04/15/22 13:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 13:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/14/22 15:07	04/15/22 13:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				04/14/22 15:07	04/15/22 13:45	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/14/22 15:07	04/15/22 13:45	1

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/14/22 23:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/14/22 23:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/14/22 23:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				04/14/22 16:25	04/14/22 23:08	1
o-Terphenyl	90		70 - 130				04/14/22 16:25	04/14/22 23:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	151		4.97		mg/Kg			04/14/22 21:25	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-5 (3')

Lab Sample ID: 880-13725-5

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 14:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 14:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 14:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/14/22 15:07	04/15/22 14:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 14:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/14/22 15:07	04/15/22 14:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/14/22 15:07	04/15/22 14:05	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/14/22 15:07	04/15/22 14:05	1

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/14/22 23:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/14/22 23:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/14/22 23:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	04/14/22 16:25	04/14/22 23:28	1
o-Terphenyl	84		70 - 130	04/14/22 16:25	04/14/22 23:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	158		4.99		mg/Kg			04/14/22 21:34	1

Client Sample ID: CS-6 (3')

Lab Sample ID: 880-13725-6

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/14/22 15:07	04/15/22 14:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/14/22 15:07	04/15/22 14:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/14/22 15:07	04/15/22 14:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/14/22 15:07	04/15/22 14:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/14/22 15:07	04/15/22 14:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/14/22 15:07	04/15/22 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/14/22 15:07	04/15/22 14:26	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/14/22 15:07	04/15/22 14:26	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-6 (3')

Lab Sample ID: 880-13725-6

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/14/22 23:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/14/22 23:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/14/22 23:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				04/14/22 16:25	04/14/22 23:48	1
o-Terphenyl	93		70 - 130				04/14/22 16:25	04/14/22 23:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	156		4.96		mg/Kg			04/14/22 22:01	1

Client Sample ID: CS-7 (3')

Lab Sample ID: 880-13725-7

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/14/22 15:07	04/15/22 14:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/14/22 15:07	04/15/22 14:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/14/22 15:07	04/15/22 14:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/14/22 15:07	04/15/22 14:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/14/22 15:07	04/15/22 14:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/14/22 15:07	04/15/22 14:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				04/14/22 15:07	04/15/22 14:46	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/14/22 15:07	04/15/22 14:46	1

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/15/22 00:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/22 16:25	04/15/22 00:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-7 (3')

Lab Sample ID: 880-13725-7

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 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		04/14/22 16:25	04/15/22 00:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				04/14/22 16:25	04/15/22 00:08	1
o-Terphenyl	85		70 - 130				04/14/22 16:25	04/15/22 00:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	327		5.00		mg/Kg			04/14/22 22:10	1

Client Sample ID: CS-8 (3')

Lab Sample ID: 880-13725-8

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/14/22 15:07	04/15/22 15:07	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/14/22 15:07	04/15/22 15:07	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/14/22 15:07	04/15/22 15:07	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/14/22 15:07	04/15/22 15:07	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/14/22 15:07	04/15/22 15:07	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/14/22 15:07	04/15/22 15:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/14/22 15:07	04/15/22 15:07	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/14/22 15:07	04/15/22 15:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			04/15/22 11:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.1		49.9		mg/Kg			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/15/22 00:29	1
Diesel Range Organics (Over C10-C28)	51.1		49.9		mg/Kg		04/14/22 16:25	04/15/22 00:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/15/22 00:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				04/14/22 16:25	04/15/22 00:29	1
o-Terphenyl	80		70 - 130				04/14/22 16:25	04/15/22 00:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	324		4.97		mg/Kg			04/14/22 22:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-9 (3')

Lab Sample ID: 880-13725-9

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/14/22 15:07	04/15/22 15:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/14/22 15:07	04/15/22 15:27	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/14/22 15:07	04/15/22 15:27	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/14/22 15:07	04/15/22 15:27	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/14/22 15:07	04/15/22 15:27	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/14/22 15:07	04/15/22 15:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/14/22 15:07	04/15/22 15:27	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/14/22 15:07	04/15/22 15:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/15/22 11:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	56.0		49.9		mg/Kg			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/15/22 00:49	1
Diesel Range Organics (Over C10-C28)	56.0		49.9		mg/Kg		04/14/22 16:25	04/15/22 00:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/15/22 00:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				04/14/22 16:25	04/15/22 00:49	1
o-Terphenyl	83		70 - 130				04/14/22 16:25	04/15/22 00:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	332		4.99		mg/Kg			04/14/22 22:27	1

Client Sample ID: CS-10 (3')

Lab Sample ID: 880-13725-10

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 15:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 15:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 15:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/14/22 15:07	04/15/22 15:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/14/22 15:07	04/15/22 15:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/14/22 15:07	04/15/22 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/14/22 15:07	04/15/22 15:48	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/14/22 15:07	04/15/22 15:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-10 (3')

Lab Sample ID: 880-13725-10

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/15/22 01:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/22 16:25	04/15/22 01:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/22 16:25	04/15/22 01:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				04/14/22 16:25	04/15/22 01:09	1
o-Terphenyl	86		70 - 130				04/14/22 16:25	04/15/22 01:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.2		4.98		mg/Kg			04/14/22 22:36	1

Client Sample ID: CS-11 (3')

Lab Sample ID: 880-13725-11

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/14/22 17:00	04/15/22 17:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/14/22 17:00	04/15/22 17:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/14/22 17:00	04/15/22 17:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/14/22 17:00	04/15/22 17:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/14/22 17:00	04/15/22 17:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/14/22 17:00	04/15/22 17:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				04/14/22 17:00	04/15/22 17:51	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/14/22 17:00	04/15/22 17:51	1

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/15/22 01:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/22 16:25	04/15/22 01:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-11 (3')

Lab Sample ID: 880-13725-11

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 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		04/14/22 16:25	04/15/22 01:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				04/14/22 16:25	04/15/22 01:50	1
o-Terphenyl	80		70 - 130				04/14/22 16:25	04/15/22 01:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		4.95		mg/Kg			04/14/22 22:45	1

Client Sample ID: CS-12 (3')

Lab Sample ID: 880-13725-12

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/14/22 17:00	04/15/22 09:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/14/22 17:00	04/15/22 09:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/14/22 17:00	04/15/22 09:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/14/22 17:00	04/15/22 09:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/14/22 17:00	04/15/22 09:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/14/22 17:00	04/15/22 09:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				04/14/22 17:00	04/15/22 09:45	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/14/22 17:00	04/15/22 09:45	1

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/15/22 02:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/22 16:25	04/15/22 02:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/22 16:25	04/15/22 02:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				04/14/22 16:25	04/15/22 02:10	1
o-Terphenyl	88		70 - 130				04/14/22 16:25	04/15/22 02:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.9		4.97		mg/Kg			04/14/22 23:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-13 (3')

Lab Sample ID: 880-13725-13

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/14/22 17:00	04/15/22 10:05	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/14/22 17:00	04/15/22 10:05	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/14/22 17:00	04/15/22 10:05	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/14/22 17:00	04/15/22 10:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/14/22 17:00	04/15/22 10:05	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/14/22 17:00	04/15/22 10:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/14/22 17:00	04/15/22 10:05	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/14/22 17:00	04/15/22 10:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/15/22 02:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/15/22 02:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/15/22 02:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	04/14/22 16:25	04/15/22 02:31	1
o-Terphenyl	93		70 - 130	04/14/22 16:25	04/15/22 02:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		4.95		mg/Kg			04/14/22 23:21	1

Client Sample ID: CS-14 (3')

Lab Sample ID: 880-13725-14

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/14/22 17:00	04/15/22 10:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/14/22 17:00	04/15/22 10:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/14/22 17:00	04/15/22 10:26	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/14/22 17:00	04/15/22 10:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/14/22 17:00	04/15/22 10:26	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/14/22 17:00	04/15/22 10:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	04/14/22 17:00	04/15/22 10:26	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/14/22 17:00	04/15/22 10:26	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-14 (3')

Lab Sample ID: 880-13725-14

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/15/22 02:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/22 16:25	04/15/22 02:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/22 16:25	04/15/22 02:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				04/14/22 16:25	04/15/22 02:51	1
o-Terphenyl	92		70 - 130				04/14/22 16:25	04/15/22 02:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		4.95		mg/Kg			04/14/22 23:47	1

Client Sample ID: CS-15 (3')

Lab Sample ID: 880-13725-15

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/14/22 17:00	04/15/22 10:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/14/22 17:00	04/15/22 10:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/14/22 17:00	04/15/22 10:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/14/22 17:00	04/15/22 10:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/14/22 17:00	04/15/22 10:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/14/22 17:00	04/15/22 10:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/14/22 17:00	04/15/22 10:46	1
1,4-Difluorobenzene (Surr)	107		70 - 130				04/14/22 17:00	04/15/22 10:46	1

Method: 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			04/15/22 11:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	96.4		50.0		mg/Kg			04/15/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	96.4		50.0		mg/Kg		04/14/22 16:25	04/15/22 03:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/22 16:25	04/15/22 03:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-15 (3')

Lab Sample ID: 880-13725-15

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 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		04/14/22 16:25	04/15/22 03:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				04/14/22 16:25	04/15/22 03:11	1
o-Terphenyl	100		70 - 130				04/14/22 16:25	04/15/22 03:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		5.05		mg/Kg			04/14/22 23:56	1

Client Sample ID: CS-16 (3')

Lab Sample ID: 880-13725-16

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/14/22 17:00	04/15/22 11:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/14/22 17:00	04/15/22 11:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/14/22 17:00	04/15/22 11:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/14/22 17:00	04/15/22 11:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/14/22 17:00	04/15/22 11:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/14/22 17:00	04/15/22 11:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/14/22 17:00	04/15/22 11:06	1
1,4-Difluorobenzene (Surr)	105		70 - 130				04/14/22 17:00	04/15/22 11:06	1

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/15/22 03:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/15/22 03:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/15/22 03:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				04/14/22 16:25	04/15/22 03:32	1
o-Terphenyl	87		70 - 130				04/14/22 16:25	04/15/22 03:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.4		4.97		mg/Kg			04/15/22 00:05	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-17 (3')

Lab Sample ID: 880-13725-17

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/14/22 17:00	04/15/22 11:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/14/22 17:00	04/15/22 11:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/14/22 17:00	04/15/22 11:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/14/22 17:00	04/15/22 11:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/14/22 17:00	04/15/22 11:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/14/22 17:00	04/15/22 11:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/14/22 17:00	04/15/22 11:27	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/14/22 17:00	04/15/22 11:27	1

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/15/22 03:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/15/22 03:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/15/22 03:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	04/14/22 16:25	04/15/22 03:52	1
o-Terphenyl	94		70 - 130	04/14/22 16:25	04/15/22 03:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.0		5.00		mg/Kg			04/15/22 00:14	1

Client Sample ID: CS-18 (3')

Lab Sample ID: 880-13725-18

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/14/22 17:00	04/15/22 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/14/22 17:00	04/15/22 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/14/22 17:00	04/15/22 11:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/14/22 17:00	04/15/22 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/14/22 17:00	04/15/22 11:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/14/22 17:00	04/15/22 11:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/14/22 17:00	04/15/22 11:47	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/14/22 17:00	04/15/22 11:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-18 (3')

Lab Sample ID: 880-13725-18

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/15/22 04:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/15/22 04:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/22 16:25	04/15/22 04:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				04/14/22 16:25	04/15/22 04:13	1
o-Terphenyl	88		70 - 130				04/14/22 16:25	04/15/22 04:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.0		5.04		mg/Kg			04/15/22 00:23	1

Client Sample ID: CS-19 (3')

Lab Sample ID: 880-13725-19

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/14/22 17:00	04/15/22 12:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/14/22 17:00	04/15/22 12:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/14/22 17:00	04/15/22 12:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/14/22 17:00	04/15/22 12:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/14/22 17:00	04/15/22 12:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/14/22 17:00	04/15/22 12:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				04/14/22 17:00	04/15/22 12:08	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/14/22 17:00	04/15/22 12:08	1

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/15/22 04:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/22 16:25	04/15/22 04:33	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-19 (3')

Lab Sample ID: 880-13725-19

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 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		04/14/22 16:25	04/15/22 04:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				04/14/22 16:25	04/15/22 04:33	1
o-Terphenyl	78		70 - 130				04/14/22 16:25	04/15/22 04:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	189		4.97		mg/Kg			04/15/22 00:32	1

Client Sample ID: CS-20 (3')

Lab Sample ID: 880-13725-20

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/14/22 17:00	04/15/22 12:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/14/22 17:00	04/15/22 12:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/14/22 17:00	04/15/22 12:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/14/22 17:00	04/15/22 12:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/14/22 17:00	04/15/22 12:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/14/22 17:00	04/15/22 12:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				04/14/22 17:00	04/15/22 12:28	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/14/22 17:00	04/15/22 12:28	1

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 16:25	04/15/22 04:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/22 16:25	04/15/22 04:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/22 16:25	04/15/22 04:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				04/14/22 16:25	04/15/22 04:54	1
o-Terphenyl	91		70 - 130				04/14/22 16:25	04/15/22 04:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	249		4.95		mg/Kg			04/15/22 00:41	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: SW-1 (3')

Lab Sample ID: 880-13725-21

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/14/22 16:00	04/15/22 07:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/14/22 16:00	04/15/22 07:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/14/22 16:00	04/15/22 07:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/14/22 16:00	04/15/22 07:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/14/22 16:00	04/15/22 07:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/14/22 16:00	04/15/22 07:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/14/22 16:00	04/15/22 07:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/14/22 16:00	04/15/22 07:10	1

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 17:00	04/15/22 02:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/22 17:00	04/15/22 02:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/22 17:00	04/15/22 02:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	04/14/22 17:00	04/15/22 02:43	1
o-Terphenyl	95		70 - 130	04/14/22 17:00	04/15/22 02:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.8		4.96		mg/Kg			04/14/22 21:50	1

Client Sample ID: SW-2 (3')

Lab Sample ID: 880-13725-22

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/14/22 16:00	04/15/22 07:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/14/22 16:00	04/15/22 07:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/14/22 16:00	04/15/22 07:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/14/22 16:00	04/15/22 07:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/14/22 16:00	04/15/22 07:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/14/22 16:00	04/15/22 07:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/14/22 16:00	04/15/22 07:30	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/14/22 16:00	04/15/22 07:30	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: SW-2 (3')

Lab Sample ID: 880-13725-22

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 17:00	04/15/22 03:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/22 17:00	04/15/22 03:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/22 17:00	04/15/22 03:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				04/14/22 17:00	04/15/22 03:03	1
o-Terphenyl	86		70 - 130				04/14/22 17:00	04/15/22 03:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	161		5.00		mg/Kg			04/14/22 22:17	1

Client Sample ID: SW-3 (3')

Lab Sample ID: 880-13725-23

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/14/22 16:00	04/15/22 07:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/14/22 16:00	04/15/22 07:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/14/22 16:00	04/15/22 07:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/14/22 16:00	04/15/22 07:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/14/22 16:00	04/15/22 07:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/14/22 16:00	04/15/22 07:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/14/22 16:00	04/15/22 07:50	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/14/22 16:00	04/15/22 07:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 17:00	04/15/22 03:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/22 17:00	04/15/22 03:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: SW-3 (3')

Lab Sample ID: 880-13725-23

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 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		04/14/22 17:00	04/15/22 03:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				04/14/22 17:00	04/15/22 03:24	1
o-Terphenyl	86		70 - 130				04/14/22 17:00	04/15/22 03:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		4.99		mg/Kg			04/14/22 22:26	1

Client Sample ID: SW-4 (3')

Lab Sample ID: 880-13725-24

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/14/22 16:00	04/15/22 08:11	1
Toluene	0.00240		0.00202		mg/Kg		04/14/22 16:00	04/15/22 08:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/14/22 16:00	04/15/22 08:11	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/14/22 16:00	04/15/22 08:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/14/22 16:00	04/15/22 08:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/14/22 16:00	04/15/22 08:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130				04/14/22 16:00	04/15/22 08:11	1
1,4-Difluorobenzene (Surr)	130		70 - 130				04/14/22 16:00	04/15/22 08:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 17:00	04/15/22 03:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/22 17:00	04/15/22 03:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/22 17:00	04/15/22 03:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				04/14/22 17:00	04/15/22 03:44	1
o-Terphenyl	77		70 - 130				04/14/22 17:00	04/15/22 03:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	267		5.04		mg/Kg			04/14/22 22:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: SW-5 (3')

Lab Sample ID: 880-13725-25

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/14/22 16:00	04/15/22 08:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/14/22 16:00	04/15/22 08:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/14/22 16:00	04/15/22 08:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/14/22 16:00	04/15/22 08:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/14/22 16:00	04/15/22 08:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/14/22 16:00	04/15/22 08:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/14/22 16:00	04/15/22 08:31	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/14/22 16:00	04/15/22 08:31	1

Method: 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			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 17:00	04/15/22 04:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/22 17:00	04/15/22 04:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/22 17:00	04/15/22 04:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	04/14/22 17:00	04/15/22 04:05	1
o-Terphenyl	89		70 - 130	04/14/22 17:00	04/15/22 04:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.0		4.97		mg/Kg			04/14/22 22:45	1

Client Sample ID: SW-6 (3')

Lab Sample ID: 880-13725-26

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/14/22 16:00	04/15/22 08:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/14/22 16:00	04/15/22 08:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/14/22 16:00	04/15/22 08:52	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/14/22 16:00	04/15/22 08:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/14/22 16:00	04/15/22 08:52	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/14/22 16:00	04/15/22 08:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/14/22 16:00	04/15/22 08:52	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/14/22 16:00	04/15/22 08:52	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: SW-6 (3')

Lab Sample ID: 880-13725-26

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			04/15/22 11:05	1

Method: 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			04/15/22 11:23	1

Method: 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		04/14/22 17:00	04/15/22 04:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/14/22 17:00	04/15/22 04:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/14/22 17:00	04/15/22 04:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				04/14/22 17:00	04/15/22 04:25	1
o-Terphenyl	85		70 - 130				04/14/22 17:00	04/15/22 04:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.3		4.96		mg/Kg			04/14/22 23:13	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

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)
880-13634-A-1-F MS	Matrix Spike	99	99
880-13634-A-1-G MSD	Matrix Spike Duplicate	106	85
880-13725-1	CS-1 (3')	116	116
880-13725-1 MS	CS-1 (3')	97	102
880-13725-1 MSD	CS-1 (3')	94	101
880-13725-2	CS-2 (3')	107	92
880-13725-3	CS-3 (3')	109	91
880-13725-4	CS-4 (3')	100	100
880-13725-5	CS-5 (3')	100	98
880-13725-6	CS-6 (3')	99	98
880-13725-7	CS-7 (3')	100	100
880-13725-8	CS-8 (3')	97	98
880-13725-9	CS-9 (3')	98	98
880-13725-10	CS-10 (3')	103	98
880-13725-11	CS-11 (3')	100	100
880-13725-12	CS-12 (3')	109	99
880-13725-13	CS-13 (3')	104	104
880-13725-14	CS-14 (3')	108	93
880-13725-15	CS-15 (3')	102	107
880-13725-16	CS-16 (3')	102	105
880-13725-17	CS-17 (3')	106	101
880-13725-18	CS-18 (3')	102	101
880-13725-19	CS-19 (3')	94	99
880-13725-20	CS-20 (3')	103	99
880-13725-21	SW-1 (3')	99	99
880-13725-22	SW-2 (3')	97	98
880-13725-23	SW-3 (3')	106	95
880-13725-24	SW-4 (3')	149 S1+	130
880-13725-25	SW-5 (3')	98	98
880-13725-26	SW-6 (3')	100	97
890-2178-A-69-I MS	Matrix Spike	100	106
890-2178-A-69-J MSD	Matrix Spike Duplicate	96	104
LCS 880-23480/1-A	Lab Control Sample	95	103
LCS 880-23536/21-A	Lab Control Sample	102	100
LCS 880-23549/1-A	Lab Control Sample	95	101
LCSD 880-23480/2-A	Lab Control Sample Dup	98	104
LCSD 880-23536/22-A	Lab Control Sample Dup	101	100
LCSD 880-23549/2-A	Lab Control Sample Dup	97	102
MB 880-23480/5-A	Method Blank	94	99
MB 880-23499/8	Method Blank	93	102
MB 880-23511/5-A	Method Blank	101	93
MB 880-23536/25-A	Method Blank	99	92
MB 880-23549/5-A	Method Blank	95	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-13725-1

Project/Site: Dominator 25 Fed Com 102H Flare Pit

SDG: Lea Co, NM

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 (70-130)	OTPH1 (70-130)
880-13704-A-1-B MS	Matrix Spike	90	98
880-13704-A-1-C MSD	Matrix Spike Duplicate	86	98
880-13725-1	CS-1 (3')	89	89
880-13725-1 MS	CS-1 (3')	91	77
880-13725-1 MSD	CS-1 (3')	93	80
880-13725-2	CS-2 (3')	94	100
880-13725-3	CS-3 (3')	91	95
880-13725-4	CS-4 (3')	91	90
880-13725-5	CS-5 (3')	86	84
880-13725-6	CS-6 (3')	92	93
880-13725-7	CS-7 (3')	86	85
880-13725-8	CS-8 (3')	81	80
880-13725-9	CS-9 (3')	84	83
880-13725-10	CS-10 (3')	88	86
880-13725-11	CS-11 (3')	83	80
880-13725-12	CS-12 (3')	87	88
880-13725-13	CS-13 (3')	90	93
880-13725-14	CS-14 (3')	88	92
880-13725-15	CS-15 (3')	99	100
880-13725-16	CS-16 (3')	86	87
880-13725-17	CS-17 (3')	94	94
880-13725-18	CS-18 (3')	90	88
880-13725-19	CS-19 (3')	82	78
880-13725-20	CS-20 (3')	93	91
880-13725-21	SW-1 (3')	79	95
880-13725-22	SW-2 (3')	76	86
880-13725-23	SW-3 (3')	79	86
880-13725-24	SW-4 (3')	73	77
880-13725-25	SW-5 (3')	80	89
880-13725-26	SW-6 (3')	78	85
LCS 880-23563/2-A	Lab Control Sample	92	82
LCSD 880-23563/3-A	Lab Control Sample Dup	109	100
MB 880-23563/1-A	Method Blank	87	92
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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	1CO2 (70-130)	OTPH2 (70-130)
LCS 880-23504/2-A	Lab Control Sample	93	112
LCSD 880-23504/3-A	Lab Control Sample Dup	98	119
MB 880-23504/1-A	Method Blank	80	97
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-23480/5-A

Matrix: Solid

Analysis Batch: 23499

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 23480

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/13/22 13:39	04/15/22 03:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/13/22 13:39	04/15/22 03:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/13/22 13:39	04/15/22 03:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/13/22 13:39	04/15/22 03:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/13/22 13:39	04/15/22 03:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/13/22 13:39	04/15/22 03:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	04/13/22 13:39	04/15/22 03:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/13/22 13:39	04/15/22 03:10	1

Lab Sample ID: LCS 880-23480/1-A

Matrix: Solid

Analysis Batch: 23499

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 23480

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07858		mg/Kg		79	70 - 130
Toluene	0.100	0.09059		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09507		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1881		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09406		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-23480/2-A

Matrix: Solid

Analysis Batch: 23499

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 23480

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08604		mg/Kg		86	70 - 130	9	35
Toluene	0.100	0.09685		mg/Kg		97	70 - 130	7	35
Ethylbenzene	0.100	0.09982		mg/Kg		100	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1987		mg/Kg		99	70 - 130	5	35
o-Xylene	0.100	0.1001		mg/Kg		100	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-2178-A-69-I MS

Matrix: Solid

Analysis Batch: 23499

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 23480

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.101	0.1115		mg/Kg		110	70 - 130
Toluene	<0.00201	U	0.101	0.1084		mg/Kg		107	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

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

Lab Sample ID: 890-2178-A-69-I MS

Matrix: Solid

Analysis Batch: 23499

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 23480

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.101	0.09301		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.202	0.1894		mg/Kg		94	70 - 130
o-Xylene	<0.00201	U	0.101	0.08989		mg/Kg		89	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 890-2178-A-69-J MSD

Matrix: Solid

Analysis Batch: 23499

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 23480

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0998	0.1077		mg/Kg		108	70 - 130	3	35
Toluene	<0.00201	U	0.0998	0.1070		mg/Kg		107	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.0998	0.09319		mg/Kg		93	70 - 130	0	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1905		mg/Kg		95	70 - 130	1	35
o-Xylene	<0.00201	U	0.0998	0.08889		mg/Kg		89	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-23499/8

Matrix: Solid

Analysis Batch: 23499

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			04/14/22 15:23	1
Toluene	<0.00200	U	0.00200		mg/Kg			04/14/22 15:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			04/14/22 15:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			04/14/22 15:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			04/14/22 15:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			04/14/22 15:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130		04/14/22 15:23	1
1,4-Difluorobenzene (Surr)	102		70 - 130		04/14/22 15:23	1

Lab Sample ID: MB 880-23511/5-A

Matrix: Solid

Analysis Batch: 23503

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 23511

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/14/22 12:28	04/14/22 14:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/14/22 12:28	04/14/22 14:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/14/22 12:28	04/14/22 14:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/14/22 12:28	04/14/22 14:29	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-23511/5-A

Matrix: Solid

Analysis Batch: 23503

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 23511

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/14/22 12:28	04/14/22 14:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/14/22 12:28	04/14/22 14:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/14/22 12:28	04/14/22 14:29	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/14/22 12:28	04/14/22 14:29	1

Lab Sample ID: MB 880-23536/25-A

Matrix: Solid

Analysis Batch: 23503

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 23536

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/14/22 14:18	04/15/22 01:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/14/22 14:18	04/15/22 01:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/14/22 14:18	04/15/22 01:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/14/22 14:18	04/15/22 01:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/14/22 14:18	04/15/22 01:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/14/22 14:18	04/15/22 01:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				04/14/22 14:18	04/15/22 01:01	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/14/22 14:18	04/15/22 01:01	1

Lab Sample ID: LCS 880-23536/21-A

Matrix: Solid

Analysis Batch: 23503

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 23536

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09049		mg/Kg		90	70 - 130
Toluene	0.100	0.09379		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.09737		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1940		mg/Kg		97	70 - 130
o-Xylene	0.100	0.1008		mg/Kg		101	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	102		70 - 130				
1,4-Difluorobenzene (Surr)	100		70 - 130				

Lab Sample ID: LCSD 880-23536/22-A

Matrix: Solid

Analysis Batch: 23503

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 23536

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08656		mg/Kg		87	70 - 130	4	35
Toluene	0.100	0.08862		mg/Kg		89	70 - 130	6	35
Ethylbenzene	0.100	0.09222		mg/Kg		92	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1839		mg/Kg		92	70 - 130	5	35
o-Xylene	0.100	0.09558		mg/Kg		96	70 - 130	5	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-13634-A-1-F MS

Matrix: Solid

Analysis Batch: 23503

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 23536

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F2 F1	0.0994	0.1010		mg/Kg		101	70 - 130
Toluene	<0.00199	U	0.0994	0.09057		mg/Kg		91	70 - 130
Ethylbenzene	0.0165	F1	0.0994	0.07807	F1	mg/Kg		62	70 - 130
m-Xylene & p-Xylene	0.00764	F1	0.199	0.1610		mg/Kg		77	70 - 130
o-Xylene	0.0220	F1	0.0994	0.07731	F1	mg/Kg		56	70 - 130

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

Lab Sample ID: 880-13634-A-1-G MSD

Matrix: Solid

Analysis Batch: 23503

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 23536

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00199	U F2 F1	0.101	0.05786	F2 F1	mg/Kg		57	70 - 130	54	35
Toluene	<0.00199	U	0.101	0.07499		mg/Kg		74	70 - 130	19	35
Ethylbenzene	0.0165	F1	0.101	0.06157	F1	mg/Kg		45	70 - 130	24	35
m-Xylene & p-Xylene	0.00764	F1	0.202	0.1231	F1	mg/Kg		57	70 - 130	27	35
o-Xylene	0.0220	F1	0.101	0.05409	F1	mg/Kg		32	70 - 130	35	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: MB 880-23549/5-A

Matrix: Solid

Analysis Batch: 23567

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 23549

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/14/22 15:07	04/15/22 12:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/14/22 15:07	04/15/22 12:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/14/22 15:07	04/15/22 12:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/14/22 15:07	04/15/22 12:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/14/22 15:07	04/15/22 12:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/14/22 15:07	04/15/22 12:22	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	95		70 - 130	04/14/22 15:07	04/15/22 12:22	1			
1,4-Difluorobenzene (Surr)	92		70 - 130	04/14/22 15:07	04/15/22 12:22	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-23549/1-A

Matrix: Solid

Analysis Batch: 23567

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 23549

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1175		mg/Kg		118	70 - 130
Toluene	0.100	0.1280		mg/Kg		128	70 - 130
Ethylbenzene	0.100	0.1109		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	0.200	0.2285		mg/Kg		114	70 - 130
o-Xylene	0.100	0.1077		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-23549/2-A

Matrix: Solid

Analysis Batch: 23567

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 23549

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1137		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1244		mg/Kg		124	70 - 130	3	35
Ethylbenzene	0.100	0.1083		mg/Kg		108	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2230		mg/Kg		111	70 - 130	2	35
o-Xylene	0.100	0.1053		mg/Kg		105	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-13725-1 MS

Matrix: Solid

Analysis Batch: 23567

Client Sample ID: CS-1 (3')

Prep Type: Total/NA

Prep Batch: 23549

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0998	0.1131		mg/Kg		113	70 - 130
Toluene	<0.00201	U F1	0.0998	0.1219		mg/Kg		122	70 - 130
Ethylbenzene	<0.00201	U	0.0998	0.1050		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2159		mg/Kg		108	70 - 130
o-Xylene	<0.00201	U	0.0998	0.1017		mg/Kg		102	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-13725-1 MSD

Matrix: Solid

Analysis Batch: 23567

Client Sample ID: CS-1 (3')

Prep Type: Total/NA

Prep Batch: 23549

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0994	0.1198		mg/Kg		121	70 - 130	6	35
Toluene	<0.00201	U F1	0.0994	0.1369	F1	mg/Kg		138	70 - 130	12	35
Ethylbenzene	<0.00201	U	0.0994	0.1186		mg/Kg		119	70 - 130	12	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-13725-1 MSD

Matrix: Solid

Analysis Batch: 23567

Client Sample ID: CS-1 (3')

Prep Type: Total/NA

Prep Batch: 23549

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00402	U	0.199	0.2443		mg/Kg		123	70 - 130	12	35
o-Xylene	<0.00201	U	0.0994	0.1157		mg/Kg		116	70 - 130	13	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	94		70 - 130								
1,4-Difluorobenzene (Surr)	101		70 - 130								

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

Lab Sample ID: MB 880-23504/1-A

Matrix: Solid

Analysis Batch: 23493

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 23504

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		04/14/22 10:12	04/14/22 19:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/22 10:12	04/14/22 19:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/22 10:12	04/14/22 19:53	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				04/14/22 10:12	04/14/22 19:53	1
o-Terphenyl	97		70 - 130				04/14/22 10:12	04/14/22 19:53	1

Lab Sample ID: LCS 880-23504/2-A

Matrix: Solid

Analysis Batch: 23493

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 23504

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	985.5		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	863.2		mg/Kg		86	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	93		70 - 130						
o-Terphenyl	112		70 - 130						

Lab Sample ID: LCSD 880-23504/3-A

Matrix: Solid

Analysis Batch: 23493

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 23504

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	993.0		mg/Kg		99	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	901.3		mg/Kg		90	70 - 130	4	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-23504/3-A

Matrix: Solid

Analysis Batch: 23493

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 23504

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: 880-13704-A-1-B MS

Matrix: Solid

Analysis Batch: 23493

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 23504

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	783.6		mg/Kg		78	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	727.5		mg/Kg		71	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	90		70 - 130							
o-Terphenyl	98		70 - 130							

Lab Sample ID: 880-13704-A-1-C MSD

Matrix: Solid

Analysis Batch: 23493

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 23504

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	713.9		mg/Kg		72	70 - 130	9	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	998	718.9		mg/Kg		70	70 - 130	1	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	86		70 - 130									
o-Terphenyl	98		70 - 130									

Lab Sample ID: MB 880-23563/1-A

Matrix: Solid

Analysis Batch: 23495

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 23563

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/22 16:25	04/14/22 20:24	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/22 16:25	04/14/22 20:24	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/22 16:25	04/14/22 20:24	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	87		70 - 130				04/14/22 16:25	04/14/22 20:24	1		
o-Terphenyl	92		70 - 130				04/14/22 16:25	04/14/22 20:24	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-23563/2-A

Matrix: Solid

Analysis Batch: 23495

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 23563

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	1015		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	825.8		mg/Kg		83	70 - 130		

Lab Sample ID: LCSD 880-23563/3-A

Matrix: Solid

Analysis Batch: 23495

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 23563

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier			Limits	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1080		mg/Kg		108	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	1005		mg/Kg		101	70 - 130	20	20
			</								

Lab Sample ID: 880-13725-1 MS

Matrix: Solid

Analysis Batch: 23495

Client Sample ID: CS-1 (3')

Prep Type: Total/NA

Prep Batch: 23563

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	874.1		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1015		mg/Kg		99	70 - 130		

Lab Sample ID: 880-13725-1 MSD

Matrix: Solid

Analysis Batch: 23495

Client Sample ID: CS-1 (3')

Prep Type: Total/NA

Prep Batch: 23563

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	901.2		mg/Kg		90	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1046		mg/Kg		102	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	93		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-13725-1 MSD

Matrix: Solid

Analysis Batch: 23495

Client Sample ID: CS-1 (3')

Prep Type: Total/NA

Prep Batch: 23563

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	80		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-23552/1-A

Matrix: Solid

Analysis Batch: 23586

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			04/14/22 20:15	1	

Lab Sample ID: LCS 880-23552/2-A

Matrix: Solid

Analysis Batch: 23586

Client Sample ID: Lab Control Sample

Prep Type: Soluble

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride			250	256.9		mg/Kg		103	90 - 110	

Lab Sample ID: LCSD 880-23552/3-A

Matrix: Solid

Analysis Batch: 23586

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	255.6		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 880-13725-1 MS

Matrix: Solid

Analysis Batch: 23586

Client Sample ID: CS-1 (3')

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	116		250	361.0		mg/Kg		98	90 - 110		

Lab Sample ID: 880-13725-1 MSD

Matrix: Solid

Analysis Batch: 23586

Client Sample ID: CS-1 (3')

Prep Type: Soluble

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	116		250	355.6		mg/Kg		96	90 - 110	2	20

Lab Sample ID: 880-13725-11 MS

Matrix: Solid

Analysis Batch: 23586

Client Sample ID: CS-11 (3')

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	150		248	380.1		mg/Kg		93	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-13725-11 MSD

Matrix: Solid

Analysis Batch: 23586

Client Sample ID: CS-11 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	150		248	380.7		mg/Kg		93	90 - 110	0	20

Lab Sample ID: MB 880-23553/1-A

Matrix: Solid

Analysis Batch: 23588

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			04/14/22 21:22	1

Lab Sample ID: LCS 880-23553/2-A

Matrix: Solid

Analysis Batch: 23588

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.2		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-23553/3-A

Matrix: Solid

Analysis Batch: 23588

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	247.7		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-13725-21 MS

Matrix: Solid

Analysis Batch: 23588

Client Sample ID: SW-1 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	85.8		248	335.1		mg/Kg		101	90 - 110

Lab Sample ID: 880-13725-21 MSD

Matrix: Solid

Analysis Batch: 23588

Client Sample ID: SW-1 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	85.8		248	322.7		mg/Kg		96	90 - 110	4	20

QC Association Summary

Client: Carmona Resources

Job ID: 880-13725-1

Project/Site: Dominator 25 Fed Com 102H Flare Pit

SDG: Lea Co, NM

GC VOA

Prep Batch: 23480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-12	CS-12 (3')	Total/NA	Solid	5035	
880-13725-13	CS-13 (3')	Total/NA	Solid	5035	
880-13725-14	CS-14 (3')	Total/NA	Solid	5035	
880-13725-15	CS-15 (3')	Total/NA	Solid	5035	
880-13725-16	CS-16 (3')	Total/NA	Solid	5035	
880-13725-17	CS-17 (3')	Total/NA	Solid	5035	
880-13725-18	CS-18 (3')	Total/NA	Solid	5035	
880-13725-19	CS-19 (3')	Total/NA	Solid	5035	
880-13725-20	CS-20 (3')	Total/NA	Solid	5035	
MB 880-23480/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-23480/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-23480/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2178-A-69-I MS	Matrix Spike	Total/NA	Solid	5035	
890-2178-A-69-J MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 23499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-12	CS-12 (3')	Total/NA	Solid	8021B	23480
880-13725-13	CS-13 (3')	Total/NA	Solid	8021B	23480
880-13725-14	CS-14 (3')	Total/NA	Solid	8021B	23480
880-13725-15	CS-15 (3')	Total/NA	Solid	8021B	23480
880-13725-16	CS-16 (3')	Total/NA	Solid	8021B	23480
880-13725-17	CS-17 (3')	Total/NA	Solid	8021B	23480
880-13725-18	CS-18 (3')	Total/NA	Solid	8021B	23480
880-13725-19	CS-19 (3')	Total/NA	Solid	8021B	23480
880-13725-20	CS-20 (3')	Total/NA	Solid	8021B	23480
MB 880-23480/5-A	Method Blank	Total/NA	Solid	8021B	23480
MB 880-23499/8	Method Blank	Total/NA	Solid	8021B	
LCS 880-23480/1-A	Lab Control Sample	Total/NA	Solid	8021B	23480
LCSD 880-23480/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	23480
890-2178-A-69-I MS	Matrix Spike	Total/NA	Solid	8021B	23480
890-2178-A-69-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	23480

Analysis Batch: 23503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-21	SW-1 (3')	Total/NA	Solid	8021B	23536
880-13725-22	SW-2 (3')	Total/NA	Solid	8021B	23536
880-13725-23	SW-3 (3')	Total/NA	Solid	8021B	23536
880-13725-24	SW-4 (3')	Total/NA	Solid	8021B	23536
880-13725-25	SW-5 (3')	Total/NA	Solid	8021B	23536
880-13725-26	SW-6 (3')	Total/NA	Solid	8021B	23536
MB 880-23511/5-A	Method Blank	Total/NA	Solid	8021B	23511
MB 880-23536/25-A	Method Blank	Total/NA	Solid	8021B	23536
LCS 880-23536/21-A	Lab Control Sample	Total/NA	Solid	8021B	23536
LCSD 880-23536/22-A	Lab Control Sample Dup	Total/NA	Solid	8021B	23536
880-13634-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	23536
880-13634-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	23536

Prep Batch: 23511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-23511/5-A	Method Blank	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources

Job ID: 880-13725-1

Project/Site: Dominator 25 Fed Com 102H Flare Pit

SDG: Lea Co, NM

GC VOA

Prep Batch: 23536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-21	SW-1 (3')	Total/NA	Solid	5035	
880-13725-22	SW-2 (3')	Total/NA	Solid	5035	
880-13725-23	SW-3 (3')	Total/NA	Solid	5035	
880-13725-24	SW-4 (3')	Total/NA	Solid	5035	
880-13725-25	SW-5 (3')	Total/NA	Solid	5035	
880-13725-26	SW-6 (3')	Total/NA	Solid	5035	
MB 880-23536/25-A	Method Blank	Total/NA	Solid	5035	
LCS 880-23536/21-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-23536/22-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-13634-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
880-13634-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 23549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-1	CS-1 (3')	Total/NA	Solid	5035	
880-13725-2	CS-2 (3')	Total/NA	Solid	5035	
880-13725-3	CS-3 (3')	Total/NA	Solid	5035	
880-13725-4	CS-4 (3')	Total/NA	Solid	5035	
880-13725-5	CS-5 (3')	Total/NA	Solid	5035	
880-13725-6	CS-6 (3')	Total/NA	Solid	5035	
880-13725-7	CS-7 (3')	Total/NA	Solid	5035	
880-13725-8	CS-8 (3')	Total/NA	Solid	5035	
880-13725-9	CS-9 (3')	Total/NA	Solid	5035	
880-13725-10	CS-10 (3')	Total/NA	Solid	5035	
880-13725-11	CS-11 (3')	Total/NA	Solid	5035	
MB 880-23549/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-23549/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-23549/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-13725-1 MS	CS-1 (3')	Total/NA	Solid	5035	
880-13725-1 MSD	CS-1 (3')	Total/NA	Solid	5035	

Analysis Batch: 23567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-1	CS-1 (3')	Total/NA	Solid	8021B	23549
880-13725-2	CS-2 (3')	Total/NA	Solid	8021B	23549
880-13725-3	CS-3 (3')	Total/NA	Solid	8021B	23549
880-13725-4	CS-4 (3')	Total/NA	Solid	8021B	23549
880-13725-5	CS-5 (3')	Total/NA	Solid	8021B	23549
880-13725-6	CS-6 (3')	Total/NA	Solid	8021B	23549
880-13725-7	CS-7 (3')	Total/NA	Solid	8021B	23549
880-13725-8	CS-8 (3')	Total/NA	Solid	8021B	23549
880-13725-9	CS-9 (3')	Total/NA	Solid	8021B	23549
880-13725-10	CS-10 (3')	Total/NA	Solid	8021B	23549
880-13725-11	CS-11 (3')	Total/NA	Solid	8021B	23549
MB 880-23549/5-A	Method Blank	Total/NA	Solid	8021B	23549
LCS 880-23549/1-A	Lab Control Sample	Total/NA	Solid	8021B	23549
LCSD 880-23549/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	23549
880-13725-1 MS	CS-1 (3')	Total/NA	Solid	8021B	23549
880-13725-1 MSD	CS-1 (3')	Total/NA	Solid	8021B	23549

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-13725-1

Project/Site: Dominator 25 Fed Com 102H Flare Pit

SDG: Lea Co, NM

GC VOA

Analysis Batch: 23620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-1	CS-1 (3')	Total/NA	Solid	Total BTEX	
880-13725-2	CS-2 (3')	Total/NA	Solid	Total BTEX	
880-13725-3	CS-3 (3')	Total/NA	Solid	Total BTEX	
880-13725-4	CS-4 (3')	Total/NA	Solid	Total BTEX	
880-13725-5	CS-5 (3')	Total/NA	Solid	Total BTEX	
880-13725-6	CS-6 (3')	Total/NA	Solid	Total BTEX	
880-13725-7	CS-7 (3')	Total/NA	Solid	Total BTEX	
880-13725-8	CS-8 (3')	Total/NA	Solid	Total BTEX	
880-13725-9	CS-9 (3')	Total/NA	Solid	Total BTEX	
880-13725-10	CS-10 (3')	Total/NA	Solid	Total BTEX	
880-13725-11	CS-11 (3')	Total/NA	Solid	Total BTEX	
880-13725-12	CS-12 (3')	Total/NA	Solid	Total BTEX	
880-13725-13	CS-13 (3')	Total/NA	Solid	Total BTEX	
880-13725-14	CS-14 (3')	Total/NA	Solid	Total BTEX	
880-13725-15	CS-15 (3')	Total/NA	Solid	Total BTEX	
880-13725-16	CS-16 (3')	Total/NA	Solid	Total BTEX	
880-13725-17	CS-17 (3')	Total/NA	Solid	Total BTEX	
880-13725-18	CS-18 (3')	Total/NA	Solid	Total BTEX	
880-13725-19	CS-19 (3')	Total/NA	Solid	Total BTEX	
880-13725-20	CS-20 (3')	Total/NA	Solid	Total BTEX	
880-13725-21	SW-1 (3')	Total/NA	Solid	Total BTEX	
880-13725-22	SW-2 (3')	Total/NA	Solid	Total BTEX	
880-13725-23	SW-3 (3')	Total/NA	Solid	Total BTEX	
880-13725-24	SW-4 (3')	Total/NA	Solid	Total BTEX	
880-13725-25	SW-5 (3')	Total/NA	Solid	Total BTEX	
880-13725-26	SW-6 (3')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 23493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-21	SW-1 (3')	Total/NA	Solid	8015B NM	23504
880-13725-22	SW-2 (3')	Total/NA	Solid	8015B NM	23504
880-13725-23	SW-3 (3')	Total/NA	Solid	8015B NM	23504
880-13725-24	SW-4 (3')	Total/NA	Solid	8015B NM	23504
880-13725-25	SW-5 (3')	Total/NA	Solid	8015B NM	23504
880-13725-26	SW-6 (3')	Total/NA	Solid	8015B NM	23504
MB 880-23504/1-A	Method Blank	Total/NA	Solid	8015B NM	23504
LCS 880-23504/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	23504
LCSD 880-23504/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	23504
880-13704-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	23504
880-13704-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	23504

Analysis Batch: 23495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-1	CS-1 (3')	Total/NA	Solid	8015B NM	23563
880-13725-2	CS-2 (3')	Total/NA	Solid	8015B NM	23563
880-13725-3	CS-3 (3')	Total/NA	Solid	8015B NM	23563
880-13725-4	CS-4 (3')	Total/NA	Solid	8015B NM	23563
880-13725-5	CS-5 (3')	Total/NA	Solid	8015B NM	23563
880-13725-6	CS-6 (3')	Total/NA	Solid	8015B NM	23563

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-13725-1

Project/Site: Dominator 25 Fed Com 102H Flare Pit

SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 23495 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-7	CS-7 (3')	Total/NA	Solid	8015B NM	23563
880-13725-8	CS-8 (3')	Total/NA	Solid	8015B NM	23563
880-13725-9	CS-9 (3')	Total/NA	Solid	8015B NM	23563
880-13725-10	CS-10 (3')	Total/NA	Solid	8015B NM	23563
880-13725-11	CS-11 (3')	Total/NA	Solid	8015B NM	23563
880-13725-12	CS-12 (3')	Total/NA	Solid	8015B NM	23563
880-13725-13	CS-13 (3')	Total/NA	Solid	8015B NM	23563
880-13725-14	CS-14 (3')	Total/NA	Solid	8015B NM	23563
880-13725-15	CS-15 (3')	Total/NA	Solid	8015B NM	23563
880-13725-16	CS-16 (3')	Total/NA	Solid	8015B NM	23563
880-13725-17	CS-17 (3')	Total/NA	Solid	8015B NM	23563
880-13725-18	CS-18 (3')	Total/NA	Solid	8015B NM	23563
880-13725-19	CS-19 (3')	Total/NA	Solid	8015B NM	23563
880-13725-20	CS-20 (3')	Total/NA	Solid	8015B NM	23563
MB 880-23563/1-A	Method Blank	Total/NA	Solid	8015B NM	23563
LCS 880-23563/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	23563
LCSD 880-23563/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	23563
880-13725-1 MS	CS-1 (3')	Total/NA	Solid	8015B NM	23563
880-13725-1 MSD	CS-1 (3')	Total/NA	Solid	8015B NM	23563

Prep Batch: 23504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-21	SW-1 (3')	Total/NA	Solid	8015NM Prep	
880-13725-22	SW-2 (3')	Total/NA	Solid	8015NM Prep	
880-13725-23	SW-3 (3')	Total/NA	Solid	8015NM Prep	
880-13725-24	SW-4 (3')	Total/NA	Solid	8015NM Prep	
880-13725-25	SW-5 (3')	Total/NA	Solid	8015NM Prep	
880-13725-26	SW-6 (3')	Total/NA	Solid	8015NM Prep	
MB 880-23504/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-23504/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-23504/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-13704-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-13704-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 23563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-1	CS-1 (3')	Total/NA	Solid	8015NM Prep	
880-13725-2	CS-2 (3')	Total/NA	Solid	8015NM Prep	
880-13725-3	CS-3 (3')	Total/NA	Solid	8015NM Prep	
880-13725-4	CS-4 (3')	Total/NA	Solid	8015NM Prep	
880-13725-5	CS-5 (3')	Total/NA	Solid	8015NM Prep	
880-13725-6	CS-6 (3')	Total/NA	Solid	8015NM Prep	
880-13725-7	CS-7 (3')	Total/NA	Solid	8015NM Prep	
880-13725-8	CS-8 (3')	Total/NA	Solid	8015NM Prep	
880-13725-9	CS-9 (3')	Total/NA	Solid	8015NM Prep	
880-13725-10	CS-10 (3')	Total/NA	Solid	8015NM Prep	
880-13725-11	CS-11 (3')	Total/NA	Solid	8015NM Prep	
880-13725-12	CS-12 (3')	Total/NA	Solid	8015NM Prep	
880-13725-13	CS-13 (3')	Total/NA	Solid	8015NM Prep	
880-13725-14	CS-14 (3')	Total/NA	Solid	8015NM Prep	
880-13725-15	CS-15 (3')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
 SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 23563 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-16	CS-16 (3')	Total/NA	Solid	8015NM Prep	
880-13725-17	CS-17 (3')	Total/NA	Solid	8015NM Prep	
880-13725-18	CS-18 (3')	Total/NA	Solid	8015NM Prep	
880-13725-19	CS-19 (3')	Total/NA	Solid	8015NM Prep	
880-13725-20	CS-20 (3')	Total/NA	Solid	8015NM Prep	
MB 880-23563/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-23563/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-23563/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-13725-1 MS	CS-1 (3')	Total/NA	Solid	8015NM Prep	
880-13725-1 MSD	CS-1 (3')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 23638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-1	CS-1 (3')	Total/NA	Solid	8015 NM	
880-13725-2	CS-2 (3')	Total/NA	Solid	8015 NM	
880-13725-3	CS-3 (3')	Total/NA	Solid	8015 NM	
880-13725-4	CS-4 (3')	Total/NA	Solid	8015 NM	
880-13725-5	CS-5 (3')	Total/NA	Solid	8015 NM	
880-13725-6	CS-6 (3')	Total/NA	Solid	8015 NM	
880-13725-7	CS-7 (3')	Total/NA	Solid	8015 NM	
880-13725-8	CS-8 (3')	Total/NA	Solid	8015 NM	
880-13725-9	CS-9 (3')	Total/NA	Solid	8015 NM	
880-13725-10	CS-10 (3')	Total/NA	Solid	8015 NM	
880-13725-11	CS-11 (3')	Total/NA	Solid	8015 NM	
880-13725-12	CS-12 (3')	Total/NA	Solid	8015 NM	
880-13725-13	CS-13 (3')	Total/NA	Solid	8015 NM	
880-13725-14	CS-14 (3')	Total/NA	Solid	8015 NM	
880-13725-15	CS-15 (3')	Total/NA	Solid	8015 NM	
880-13725-16	CS-16 (3')	Total/NA	Solid	8015 NM	
880-13725-17	CS-17 (3')	Total/NA	Solid	8015 NM	
880-13725-18	CS-18 (3')	Total/NA	Solid	8015 NM	
880-13725-19	CS-19 (3')	Total/NA	Solid	8015 NM	
880-13725-20	CS-20 (3')	Total/NA	Solid	8015 NM	
880-13725-21	SW-1 (3')	Total/NA	Solid	8015 NM	
880-13725-22	SW-2 (3')	Total/NA	Solid	8015 NM	
880-13725-23	SW-3 (3')	Total/NA	Solid	8015 NM	
880-13725-24	SW-4 (3')	Total/NA	Solid	8015 NM	
880-13725-25	SW-5 (3')	Total/NA	Solid	8015 NM	
880-13725-26	SW-6 (3')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 23552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-1	CS-1 (3')	Soluble	Solid	DI Leach	
880-13725-2	CS-2 (3')	Soluble	Solid	DI Leach	
880-13725-3	CS-3 (3')	Soluble	Solid	DI Leach	
880-13725-4	CS-4 (3')	Soluble	Solid	DI Leach	
880-13725-5	CS-5 (3')	Soluble	Solid	DI Leach	
880-13725-6	CS-6 (3')	Soluble	Solid	DI Leach	
880-13725-7	CS-7 (3')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
 SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 23552 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-8	CS-8 (3')	Soluble	Solid	DI Leach	
880-13725-9	CS-9 (3')	Soluble	Solid	DI Leach	
880-13725-10	CS-10 (3')	Soluble	Solid	DI Leach	
880-13725-11	CS-11 (3')	Soluble	Solid	DI Leach	
880-13725-12	CS-12 (3')	Soluble	Solid	DI Leach	
880-13725-13	CS-13 (3')	Soluble	Solid	DI Leach	
880-13725-14	CS-14 (3')	Soluble	Solid	DI Leach	
880-13725-15	CS-15 (3')	Soluble	Solid	DI Leach	
880-13725-16	CS-16 (3')	Soluble	Solid	DI Leach	
880-13725-17	CS-17 (3')	Soluble	Solid	DI Leach	
880-13725-18	CS-18 (3')	Soluble	Solid	DI Leach	
880-13725-19	CS-19 (3')	Soluble	Solid	DI Leach	
880-13725-20	CS-20 (3')	Soluble	Solid	DI Leach	
MB 880-23552/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-23552/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-23552/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-13725-1 MS	CS-1 (3')	Soluble	Solid	DI Leach	
880-13725-1 MSD	CS-1 (3')	Soluble	Solid	DI Leach	
880-13725-11 MS	CS-11 (3')	Soluble	Solid	DI Leach	
880-13725-11 MSD	CS-11 (3')	Soluble	Solid	DI Leach	

Leach Batch: 23553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-21	SW-1 (3')	Soluble	Solid	DI Leach	
880-13725-22	SW-2 (3')	Soluble	Solid	DI Leach	
880-13725-23	SW-3 (3')	Soluble	Solid	DI Leach	
880-13725-24	SW-4 (3')	Soluble	Solid	DI Leach	
880-13725-25	SW-5 (3')	Soluble	Solid	DI Leach	
880-13725-26	SW-6 (3')	Soluble	Solid	DI Leach	
MB 880-23553/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-23553/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-23553/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-13725-21 MS	SW-1 (3')	Soluble	Solid	DI Leach	
880-13725-21 MSD	SW-1 (3')	Soluble	Solid	DI Leach	

Analysis Batch: 23586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-1	CS-1 (3')	Soluble	Solid	300.0	23552
880-13725-2	CS-2 (3')	Soluble	Solid	300.0	23552
880-13725-3	CS-3 (3')	Soluble	Solid	300.0	23552
880-13725-4	CS-4 (3')	Soluble	Solid	300.0	23552
880-13725-5	CS-5 (3')	Soluble	Solid	300.0	23552
880-13725-6	CS-6 (3')	Soluble	Solid	300.0	23552
880-13725-7	CS-7 (3')	Soluble	Solid	300.0	23552
880-13725-8	CS-8 (3')	Soluble	Solid	300.0	23552
880-13725-9	CS-9 (3')	Soluble	Solid	300.0	23552
880-13725-10	CS-10 (3')	Soluble	Solid	300.0	23552
880-13725-11	CS-11 (3')	Soluble	Solid	300.0	23552
880-13725-12	CS-12 (3')	Soluble	Solid	300.0	23552
880-13725-13	CS-13 (3')	Soluble	Solid	300.0	23552
880-13725-14	CS-14 (3')	Soluble	Solid	300.0	23552

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
 SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 23586 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-15	CS-15 (3')	Soluble	Solid	300.0	23552
880-13725-16	CS-16 (3')	Soluble	Solid	300.0	23552
880-13725-17	CS-17 (3')	Soluble	Solid	300.0	23552
880-13725-18	CS-18 (3')	Soluble	Solid	300.0	23552
880-13725-19	CS-19 (3')	Soluble	Solid	300.0	23552
880-13725-20	CS-20 (3')	Soluble	Solid	300.0	23552
MB 880-23552/1-A	Method Blank	Soluble	Solid	300.0	23552
LCS 880-23552/2-A	Lab Control Sample	Soluble	Solid	300.0	23552
LCSD 880-23552/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	23552
880-13725-1 MS	CS-1 (3')	Soluble	Solid	300.0	23552
880-13725-1 MSD	CS-1 (3')	Soluble	Solid	300.0	23552
880-13725-11 MS	CS-11 (3')	Soluble	Solid	300.0	23552
880-13725-11 MSD	CS-11 (3')	Soluble	Solid	300.0	23552

Analysis Batch: 23588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13725-21	SW-1 (3')	Soluble	Solid	300.0	23553
880-13725-22	SW-2 (3')	Soluble	Solid	300.0	23553
880-13725-23	SW-3 (3')	Soluble	Solid	300.0	23553
880-13725-24	SW-4 (3')	Soluble	Solid	300.0	23553
880-13725-25	SW-5 (3')	Soluble	Solid	300.0	23553
880-13725-26	SW-6 (3')	Soluble	Solid	300.0	23553
MB 880-23553/1-A	Method Blank	Soluble	Solid	300.0	23553
LCS 880-23553/2-A	Lab Control Sample	Soluble	Solid	300.0	23553
LCSD 880-23553/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	23553
880-13725-21 MS	SW-1 (3')	Soluble	Solid	300.0	23553
880-13725-21 MSD	SW-1 (3')	Soluble	Solid	300.0	23553

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (3')

Lab Sample ID: 880-13725-1

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	23549	04/14/22 15:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23567	04/15/22 12:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/14/22 21:26	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/14/22 20:41	CH	XEN MID

Client Sample ID: CS-2 (3')

Lab Sample ID: 880-13725-2

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	23549	04/14/22 15:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23567	04/15/22 13:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/14/22 22:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/14/22 21:08	CH	XEN MID

Client Sample ID: CS-3 (3')

Lab Sample ID: 880-13725-3

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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	23549	04/14/22 15:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23567	04/15/22 13:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/14/22 22:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/14/22 21:16	CH	XEN MID

Client Sample ID: CS-4 (3')

Lab Sample ID: 880-13725-4

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	23549	04/14/22 15:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23567	04/15/22 13:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-4 (3')

Lab Sample ID: 880-13725-4

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/14/22 23:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/14/22 21:25	CH	XEN MID

Client Sample ID: CS-5 (3')

Lab Sample ID: 880-13725-5

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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	23549	04/14/22 15:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23567	04/15/22 14:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/14/22 23:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/14/22 21:34	CH	XEN MID

Client Sample ID: CS-6 (3')

Lab Sample ID: 880-13725-6

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	23549	04/14/22 15:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23567	04/15/22 14:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/14/22 23:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/14/22 22:01	CH	XEN MID

Client Sample ID: CS-7 (3')

Lab Sample ID: 880-13725-7

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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	23549	04/14/22 15:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23567	04/15/22 14:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/15/22 00:08	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-7 (3')

Lab Sample ID: 880-13725-7

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/14/22 22:10	CH	XEN MID

Client Sample ID: CS-8 (3')

Lab Sample ID: 880-13725-8

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	23549	04/14/22 15:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23567	04/15/22 15:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/15/22 00:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/14/22 22:19	CH	XEN MID

Client Sample ID: CS-9 (3')

Lab Sample ID: 880-13725-9

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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	23549	04/14/22 15:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23567	04/15/22 15:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/15/22 00:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/14/22 22:27	CH	XEN MID

Client Sample ID: CS-10 (3')

Lab Sample ID: 880-13725-10

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	23549	04/14/22 15:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23567	04/15/22 15:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/15/22 01:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/14/22 22:36	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-11 (3')

Lab Sample ID: 880-13725-11

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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	23549	04/14/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23567	04/15/22 17:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/15/22 01:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/14/22 22:45	CH	XEN MID

Client Sample ID: CS-12 (3')

Lab Sample ID: 880-13725-12

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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	23480	04/14/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23499	04/15/22 09:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/15/22 02:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/14/22 23:12	CH	XEN MID

Client Sample ID: CS-13 (3')

Lab Sample ID: 880-13725-13

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	23480	04/14/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23499	04/15/22 10:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/15/22 02:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/14/22 23:21	CH	XEN MID

Client Sample ID: CS-14 (3')

Lab Sample ID: 880-13725-14

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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	23480	04/14/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23499	04/15/22 10:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-14 (3')

Lab Sample ID: 880-13725-14

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/15/22 02:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/14/22 23:47	CH	XEN MID

Client Sample ID: CS-15 (3')

Lab Sample ID: 880-13725-15

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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	23480	04/14/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23499	04/15/22 10:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/15/22 03:11	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/14/22 23:56	CH	XEN MID

Client Sample ID: CS-16 (3')

Lab Sample ID: 880-13725-16

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	23480	04/14/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23499	04/15/22 11:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/15/22 03:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/15/22 00:05	CH	XEN MID

Client Sample ID: CS-17 (3')

Lab Sample ID: 880-13725-17

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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	23480	04/14/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23499	04/15/22 11:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/15/22 03:52	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: CS-17 (3')

Lab Sample ID: 880-13725-17

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/15/22 00:14	CH	XEN MID

Client Sample ID: CS-18 (3')

Lab Sample ID: 880-13725-18

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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	23480	04/14/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23499	04/15/22 11:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/15/22 04:13	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/15/22 00:23	CH	XEN MID

Client Sample ID: CS-19 (3')

Lab Sample ID: 880-13725-19

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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	23480	04/14/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23499	04/15/22 12:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/15/22 04:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/15/22 00:32	CH	XEN MID

Client Sample ID: CS-20 (3')

Lab Sample ID: 880-13725-20

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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	23480	04/14/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23499	04/15/22 12:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	23563	04/14/22 16:25	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23495	04/15/22 04:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	23552	04/14/22 16:01	SC	XEN MID
Soluble	Analysis	300.0		1			23586	04/15/22 00:41	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: SW-1 (3')

Lab Sample ID: 880-13725-21

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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	23536	04/14/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23503	04/15/22 07:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	23504	04/14/22 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23493	04/15/22 02:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	23553	04/14/22 17:06	SC	XEN MID
Soluble	Analysis	300.0		1			23588	04/14/22 21:50	CH	XEN MID

Client Sample ID: SW-2 (3')

Lab Sample ID: 880-13725-22

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

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	23536	04/14/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23503	04/15/22 07:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	23504	04/14/22 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23493	04/15/22 03:03	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	23553	04/14/22 17:06	SC	XEN MID
Soluble	Analysis	300.0		1			23588	04/14/22 22:17	CH	XEN MID

Client Sample ID: SW-3 (3')

Lab Sample ID: 880-13725-23

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	23536	04/14/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23503	04/15/22 07:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	23504	04/14/22 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23493	04/15/22 03:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	23553	04/14/22 17:06	SC	XEN MID
Soluble	Analysis	300.0		1			23588	04/14/22 22:26	CH	XEN MID

Client Sample ID: SW-4 (3')

Lab Sample ID: 880-13725-24

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/14/22 00:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	23536	04/14/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23503	04/15/22 08:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Client Sample ID: SW-4 (3')

Date Collected: 04/14/22 00:00

Date Received: 04/14/22 00:00

Lab Sample ID: 880-13725-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	23504	04/14/22 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23493	04/15/22 03:44	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	23553	04/14/22 17:06	SC	XEN MID
Soluble	Analysis	300.0		1			23588	04/14/22 22:36	CH	XEN MID

Client Sample ID: SW-5 (3')

Date Collected: 04/14/22 00:00

Date Received: 04/14/22 00:00

Lab Sample ID: 880-13725-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	23536	04/14/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23503	04/15/22 08:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	23504	04/14/22 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23493	04/15/22 04:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	23553	04/14/22 17:06	SC	XEN MID
Soluble	Analysis	300.0		1			23588	04/14/22 22:45	CH	XEN MID

Client Sample ID: SW-6 (3')

Date Collected: 04/14/22 00:00

Date Received: 04/14/22 00:00

Lab Sample ID: 880-13725-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	23536	04/14/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	23503	04/15/22 08:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			23620	04/15/22 11:05	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			23638	04/15/22 11:23	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	23504	04/14/22 17:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			23493	04/15/22 04:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	23553	04/14/22 17:06	SC	XEN MID
Soluble	Analysis	300.0		1			23588	04/14/22 23:13	CH	XEN MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

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	T104704400-21-22	06-30-22

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: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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:

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

Sample Summary

Client: Carmona Resources
Project/Site: Dominator 25 Fed Com 102H Flare Pit

Job ID: 880-13725-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-13725-1	CS-1 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-2	CS-2 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-3	CS-3 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-4	CS-4 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-5	CS-5 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-6	CS-6 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-7	CS-7 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-8	CS-8 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-9	CS-9 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-10	CS-10 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-11	CS-11 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-12	CS-12 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-13	CS-13 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-14	CS-14 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-15	CS-15 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-16	CS-16 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-17	CS-17 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-18	CS-18 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-19	CS-19 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-20	CS-20 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-21	SW-1 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-22	SW-2 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-23	SW-3 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-24	SW-4 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-25	SW-5 (3')	Solid	04/14/22 00:00	04/14/22 00:00
880-13725-26	SW-6 (3')	Solid	04/14/22 00:00	04/14/22 00:00

Chain of Custody

Work Order No: 13725

Page 1 of 3

Project Manager:	Conner Moehring	Bill to: (if different)	Justin Carlie
Company Name:	Carmora Resources	Company Name:	Conoco Phillips
Address:	310 W Wall St Ste 415	Address:	
City, State Zip	Midland, TX 79701	City, State Zip	
Phone:	432-813-6823	Email:	justin.carlie@conocophillips.com 432-202-4112

Work Order Comments			
Program: UST/PST	☐ PAP	☐ Rowfields	☐ RC
State of Project:	☐ Level II	☐ Level III	☐ ST/UST
Reporting Level II	☐ Level III	☐ ST/UST	☐ RRP
Deliverables	EDD	☐ ADAPT	☐ Other

Project Name:	Dominator 25 Fed Com 102H Flare Pit		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes							
Project Number	1031		☐ Routine	☒ Rush		24 Hrs											None NO	DI Water H ₂ O					
Project Location	Lea Co. NM		Due Date:		24 Hrs											Cool Cool	MeOH Me						
Sampler's Name:	CCM		TAT starts the day received by the lab if received by 4:30pm													HCL HC	HNO ₃ HN						
PO #																H ₂ SO ₄ H ₂	NaOH Na						
SAMPLE RECEIPT			Temp Blank	Yes	No	Thermometer ID	Yes	No	Well Ice	Yes	No											H ₃ PO ₄ HP	
Received Inact:	Yes		No	N/A	Correction Factor											NaHSO ₄ NABIS							
Cooler Custody Seals:	Yes		No	N/A	Temperature Reading											Na ₂ S ₂ O ₃ NaSO ₃							
Sample Custody Seals:	Yes		No	N/A	Corrected Temperature											Zn Acetate+NaOH Zn							
Total Containers:																NaOH+Ascorbic Acid SAPC							

Sample Identification	Date	Time	Soil	Water	Grav. Comp	# of Cont	Parameters										Sample Comments	
CS-1 (3)	4/14/2022		X		Comp	1	BTEX 8021B											
CS-2 (3)	4/14/2022		X		Comp	1	TPH 8015M (GRO + DRO + MRO)											
CS-3 (3)	4/14/2022		X		Comp	1	Chloride 300 0											
CS-4 (3)	4/14/2022		X		Comp	1												
CS-5 (3)	4/14/2022		X		Comp	1												
CS-6 (3)	4/14/2022		X		Comp	1												
CS-7 (3)	4/14/2022		X		Comp	1												
CS-8 (3)	4/14/2022		X		Comp	1												
CS-9 (3)	4/14/2022		X		Comp	1												
CS-10 (3)	4/14/2022		X		Comp	1												

Comments:



Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		4/14/22			
		16:09			

Chain of Custody

Work Order No: 13725

Page 2 of 3

Project Manager	Conner Moehring	Bill to: (if different)	Justin Carlie
Company Name	Carmona Resources	Company Name:	Conoco Phillips
Address	310 W Wall St Ste 415	Address:	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone:	432-813-6823	Email:	justin.carlie@conocophillips.com 432-202-4112

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

Project Name:	Dominator 25 Fed Com 102H Flare Pit	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number	1031	Due Date	24 Hrs													None NO	DI Water H ₂ O
Project Location	Lea Co NM	TAT starts the day received by the lab if received by 4:30pm														Cool Cool	MeOH Me
Sampler's Name:	CCM															HCL, HC	HNO ₃ HN
PO #:																H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes	No	Wet Ice	Yes	No										H ₃ PO ₄ HP	
Received Intact:	Yes	No		Thermometer ID:												NaHSO ₄ NABIS	
Cooler Custody Seals:	Yes	No		Correction Factor												Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals:	Yes	No		Temperature Reading:												Zn Acetate+NaOH Zn	
Total Containers:				Corrected Temperature:												NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments	
CS-11 (3)	4/14/2022		X		Comp	1	X	X	X									
CS-12 (3)	4/14/2022		X		Comp	1	X	X	X									
CS-13 (3)	4/14/2022		X		Comp	1	X	X	X									
CS-14 (3)	4/14/2022		X		Comp	1	X	X	X									
CS-15 (3)	4/14/2022		X		Comp	1	X	X	X									
CS-16 (3)	4/14/2022		X		Comp	1	X	X	X									
CS-17 (3)	4/14/2022		X		Comp	1	X	X	X									
CS-18 (3)	4/14/2022		X		Comp	1	X	X	X									
CS-19 (3)	4/14/2022		X		Comp	1	X	X	X									
CS-20 (3)	4/14/2022		X		Comp	1	X	X	X									

Comments:

Loc: 880
13725

Relinquished by (Signature)

Date/Time

Received by (Signature)

Date/Time

[Signature]

4/14/22
16:09

Uthia Rodriguez

Chain of Custody

Work Order No: 13725

Page 3 of 3

Project Manager	Conner Moehring	Bill to: (if different)	Justin Carlie
Company Name	Carmona Resources	Company Name	Conoco Phillips
Address	310 W Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	432-813-6823	Email	justin.carlie@conocophillips.com 432-202-4112

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

Project Name				Dominator 25 Fed Com 102H Flare Pit				Turn Around				ANALYSIS REQUEST																Preservative Codes							
Project Number		1031		☐ Routine ☒ Rush				Pres. Code																		None NO		DI Water H ₂ O							
Project Location		Lea Co NM		Due Date		24 Hrs																				Cool Cool		MeOH Me							
Sampler's Name		CCM		TAT starts the day received by the lab if received by 4:30pm																						HCL HC		HNO ₃ HN							
PO #																										H ₂ SO ₄ H ₂		NaOH Na							
SAMPLE RECEIPT				Temp Blank		Yes ☒ No ☐		Wet Ice		Yes ☒ No ☐																H ₃ PO ₄ HP									
Received Intact:				Yes ☒ No ☐		Thermometer ID																				NaHSO ₄ NABIS									
Cooler Custody Seals:				Yes ☐ No ☒		Correction Factor																				Na ₂ S ₂ O ₃ NaSO ₃									
Sample Custody Seals:				Yes ☐ No ☒		Temperature Reading																				Zn Acetate+NaOH Zn									
Total Containers:						Corrected Temperature:																				NaOH+Ascorbic Acid SAPC									
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont		BTX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride 300.0																Sample Comments	
SW-1 (3')		4/14/2022				X				Comp		1		X		X		X																	
SW-2 (3')		4/14/2022				X				Comp		1		X		X		X																	
SW-3 (3')		4/14/2022				X				Comp		1		X		X		X																	
SW-4 (3')		4/14/2022				X				Comp		1		X		X		X																	
SW-5 (3')		4/14/2022				X				Comp		1		X		X		X																	
SW-6 (3')		4/14/2022				X				Comp		1		X		X		X																	

Comments:

Relinquished by (Signature)

Date/Time

Received by (Signature)

Date/Time

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-13725-1

SDG Number: Lea Co, NM

Login Number: 13725

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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.	N/A	No time on COC, logged in per container labels.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 104375

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 104375
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	5/12/2022