



SITE INFORMATION

Closure Report
Dominator 25 Federal CTB (07.22.22)
Lea County, New Mexico
Incident ID: NAPP2221629896
Unit O Sec 25 T25S R33E
32.095833°, -103.5247222°

Treated Produced Water Release
Point of Release: Overflowing Tanks
Release Date: 07/22/2022
Volume Released: 70 barrels of Treated Produced Water
Volume Recovered: 67 barrels of Treated Produced Water

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



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October 19, 2022

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

Re: Closure Report
Dominator 25 Federal CTB (07.22.22)
Concho Operating, LLC
Site Location: Unit O, S25, T25S, R33E
(Lat 32.095833°, Long -103.5247222°)
Lea County, New Mexico

To whom it may concern:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site remediation activities. The site is located at 32.095833, -103.5247222 within Unit O, S25, T25S, R33E, and 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 July 22, 2022, due to overflowing tanks. It released approximately seventy (70) barrels of treated produced water, and sixty-seven (67) barrels were recovered. The impacted area occurred on the pad and measured about 110' x 25, shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is located within a 0.50-mile radius of the location. The nearest identified well is approximately 1.36 miles West of the site in S26, T25S, R33E and was drilled in 1925. The well has a reported depth to groundwater of 110' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing 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 Remediation Activities

During the emergency response, the site had a surficial scrape completed. Carmona Resources personnel were onsite on October 17, 2022, to supervise the remediation activities, collect confirmation samples, and document backfill activities. Samples (S-1 and S-2) were taken to show that no impact was on the dense pad during the path traveled, where it was then pulled in a low spot. The low spot was saturated, and the at-risk remediation was performed. Before collecting composite confirmation samples, the NMOCD division office was notified via email on October 12, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The saturated area was excavated to a depth of 0.5' below the surface to remove all the impacted soils. A total of fourteen (14) confirmation floor samples were collected (CS-1 through CS-14), and four (4) sidewall samples

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



(SW-1 through SW-4) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 3.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 1.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 55 cubic yards of material were excavated and transported offsite for proper disposal.

5.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and COG formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

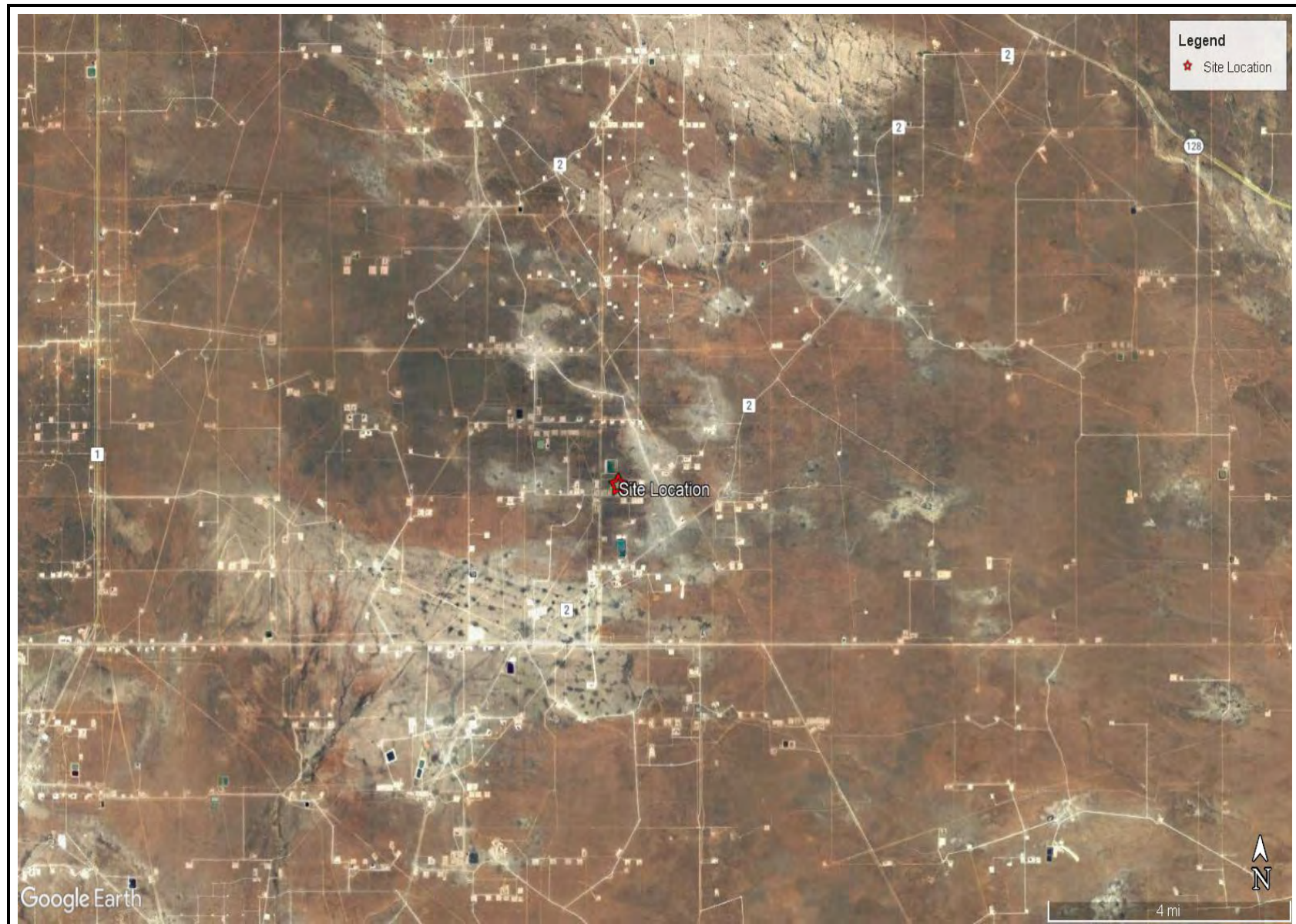
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES





OVERVIEW MAP
COG OPERATING, LLC
DOMINATOR 25 FEDERAL CTB (07.22.22)
LEA COUNTY, NEW MEXICO
32.095833, -103.5247222



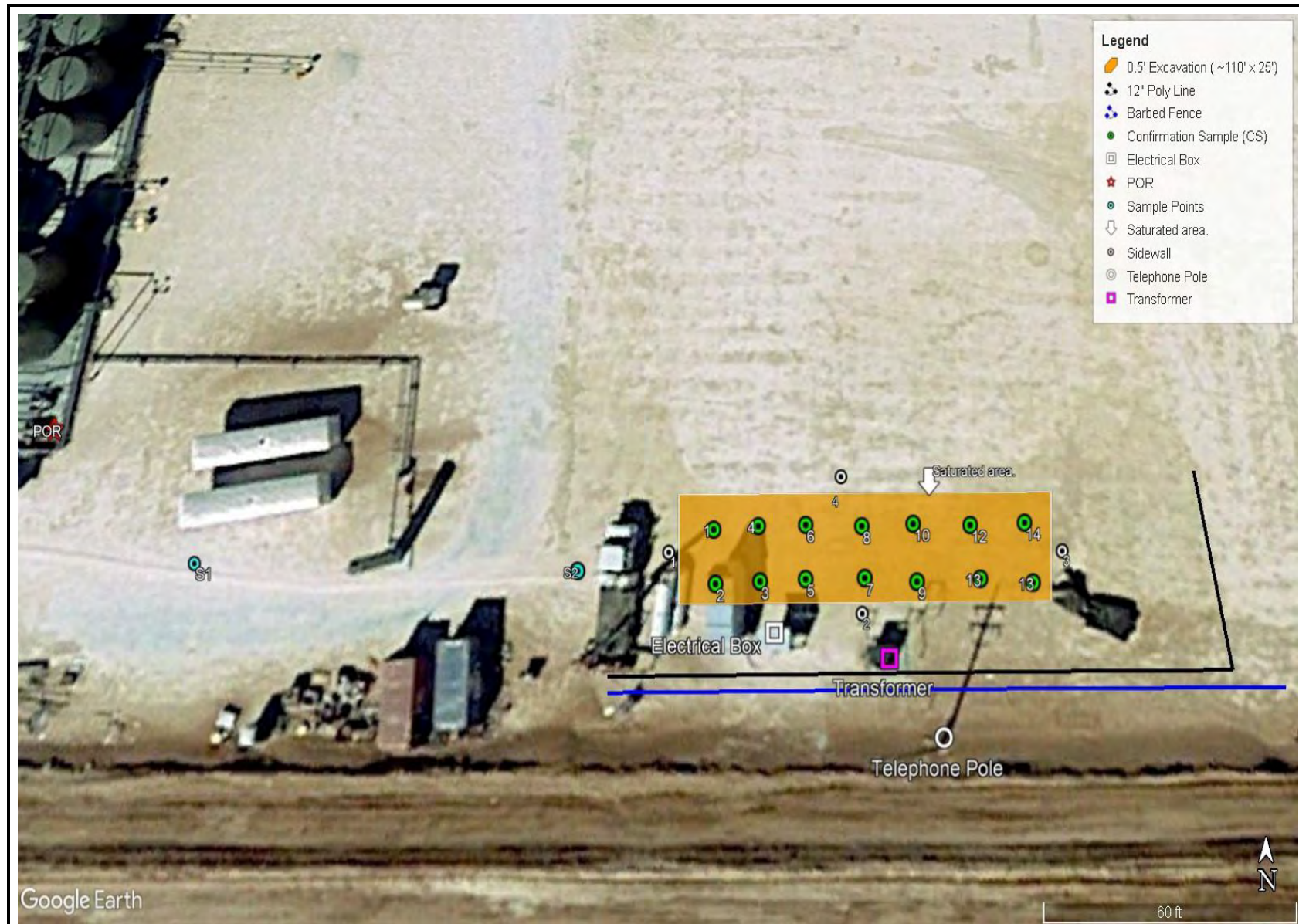
FIGURE 1



TOPO MAP
 COG OPERATING, LLC
 DOMINATOR 25 FEDERAL CTB (07.22.22)
 LEA COUNTY, NEW MEXICO
 32.095833, -103.5247222



FIGURE 2



EXCAVATION DEPTH MAP
 COG OPERATING, LLC
 DOMINATOR 25 FEDERAL CTB (07.22.22)
 LEA COUNTY, NEW MEXICO
 32.095833, -103.5247222



FIGURE 3

APPENDIX A

CARMONA RESOURCES



Table 1
COG
Dominator 25 Federal CTB (07.22.22)
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						
CS-1	10/17/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	47.1
CS-2	10/17/2022	0.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	13.9
CS-3	10/17/2022	0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	26.0
CS-4	10/17/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	23.4
CS-5	10/17/2022	0.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	17.4
CS-6	10/17/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	28.4
CS-7	10/17/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	25.0
CS-8	10/17/2022	0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	41.2
CS-9	10/17/2022	0.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	10.8
CS-10	10/17/2022	0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	20.8
CS-11	10/17/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	31.4
CS-12	10/17/2022	0.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	45.8
CS-13	10/17/2022	0.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	15.7
CS-14	10/17/2022	0.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	15.7
SW-1	10/17/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	45.2
SW-2	10/17/2022	0.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	21.4
SW-3	10/17/2022	0.5	<50.0	<50.0	<50.0	<50.0	0.00375	0.00633	<0.00199	0.0102	0.0203	33.4
SW-4	10/17/2022	0.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	36.9
S-1	10/17/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	14.9
S-2	10/17/2022	0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6.93
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 Floor Sample

(SW) Sidewall

(S) Sample Point

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG**Concho Operating, LLC****Photograph No. 1****Facility:** Dominator 25 Federal CTB
(07.22.22)**County:** Lea County, New Mexico**Description:**
View West of Excavation.**Photograph No. 2****Facility:** Dominator 25 Federal CTB
(07.22.22)**County:** Lea County, New Mexico**Description:**
View South of Excavation.

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: _____	Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

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

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

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

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

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Justin Carlile Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 10/20/2022

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: Jocelyn Harimon Date: 10/20/2022

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: _____

Printed Name: _____ Title: _____

From: [Mike Carmona](#)
To: OCD.Enviro@emnrd.nm.gov <OCD.Enviro@emnrd.nm.gov>
Cc: [Carlile, Justin](#); [Conner Moehring](#); [Miranda Milwee](#)
Subject: COG Dominator 25 Federal CTB(07/22/22) Incident # NAPP2221629896 - Sampling Notification
Date: Wednesday, October 12, 2022 1:19:00 PM
Attachments: [4AB837F95BC4454082095CC44BEBFA52.png](#)

Good Afternoon,

On behalf of COG, Carmona Resources will collect confirmation samples for the at-risk remediation at the below-referenced site on 10/17/22 around 10:00 a.m. Mountain Time. Please let me know if you have any questions.

Dominator 25 Federal CTB(07/22/22)
Incident # NAPP2221629896
32.095833 -103.5247222

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



APPENDIX D

CARMONA RESOURCES



Nearst water well map

COP - Dominator 25 Federal CTB (07.22.22)

Legend

0.50 Mile Radius

1.36 Miles

1.77 Miles

1.79 Miles

Dominator 25 Federal CTB (07.22.22)

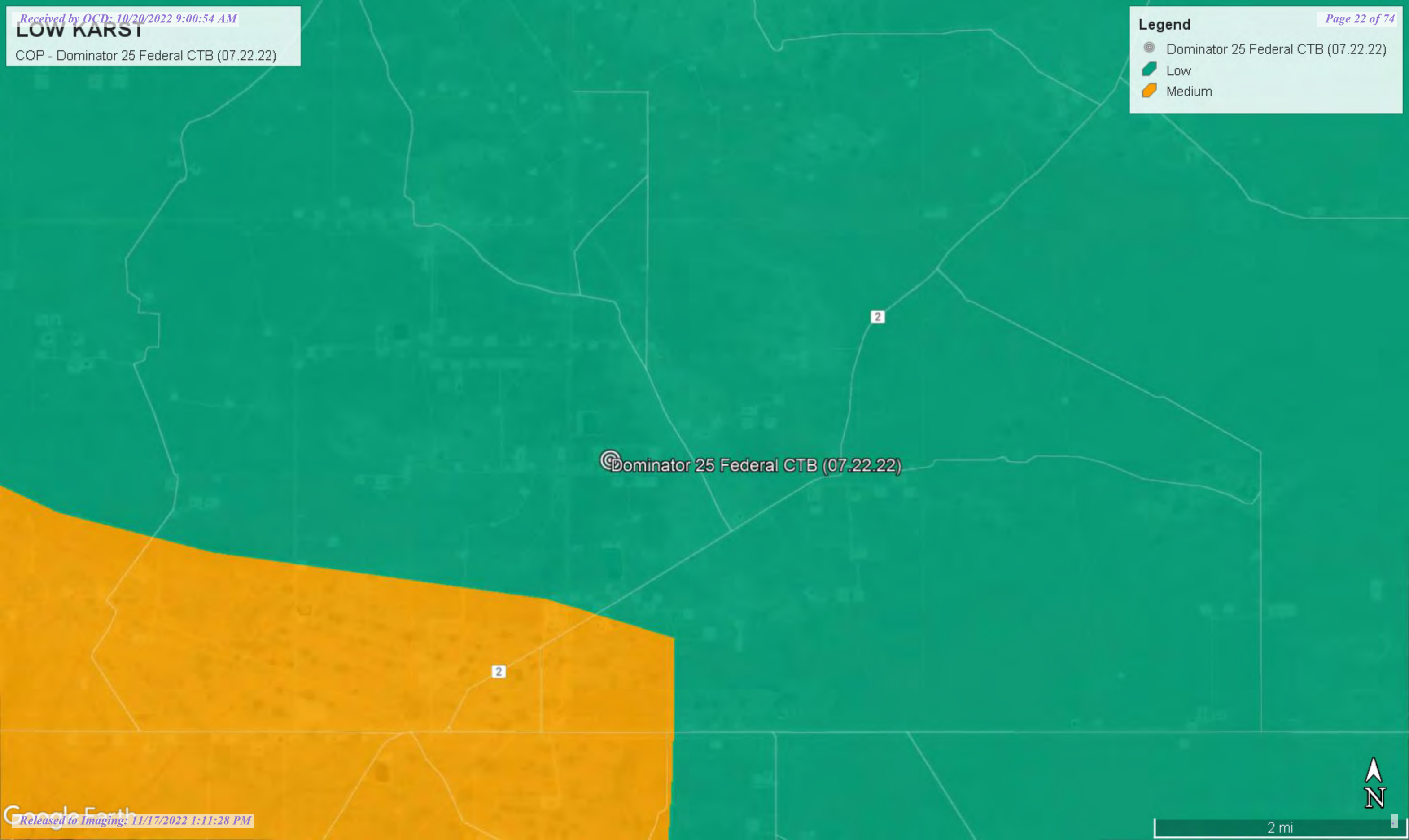


LOW KARST

COP - Dominator 25 Federal CTB (07.22.22)

Legend

-  Dominator 25 Federal CTB (07.22.22)
-  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 Code	Sub-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
C 04627 POD1		CUB	LE	3	3	4	08	25S	33E	632665	3556725			

Average Depth to Water: **170 feet**

Minimum Depth: **90 feet**

Maximum Depth: **280 feet**

Record Count: 6

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.

10/18/22 5:55 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)							
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.

10/18/22 5:56 PM

POINT OF DIVERSION SUMMARY



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.

10/18/22 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

! 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.

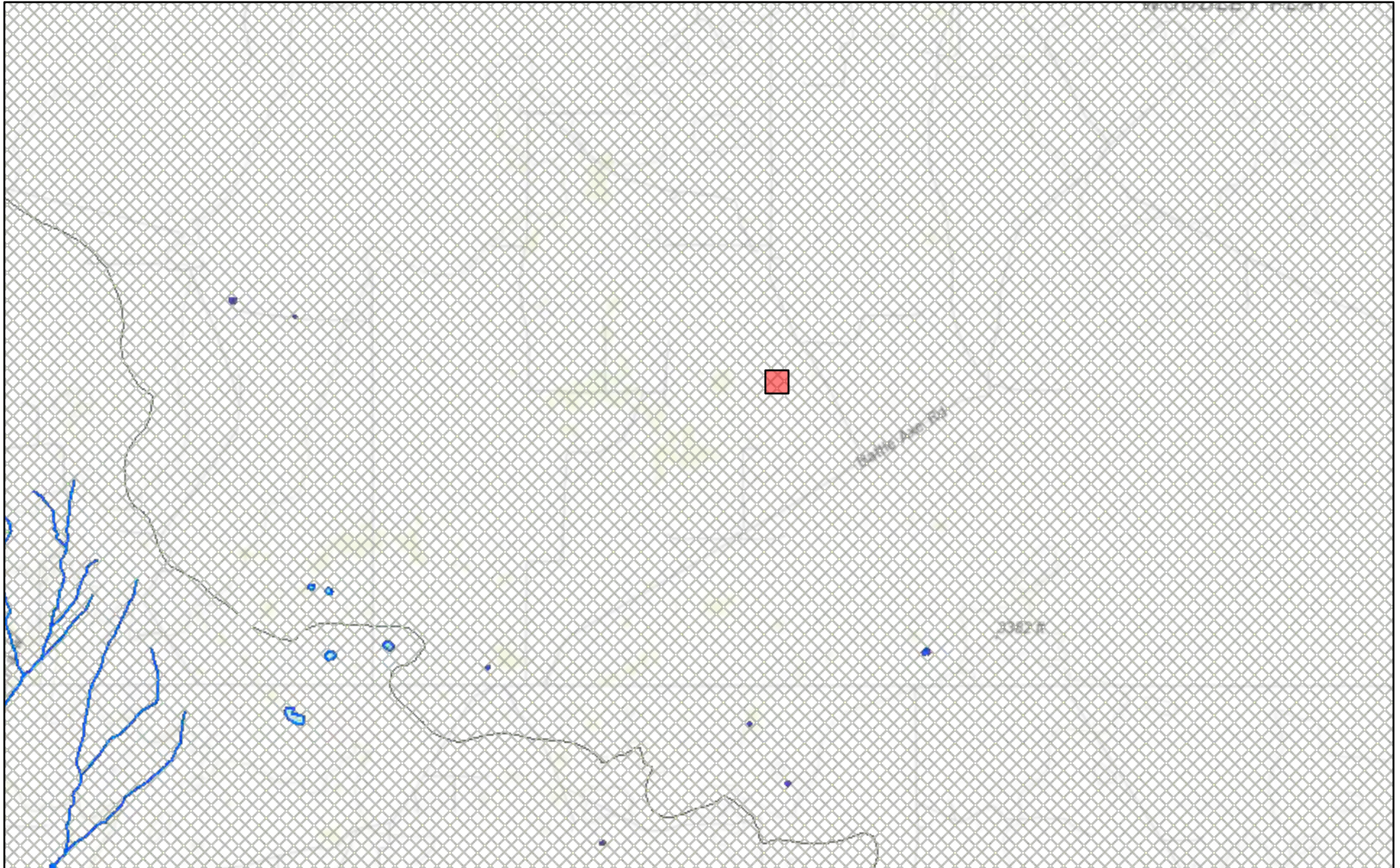
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Title: Groundwater for New Mexico: Water Levels
URL: [https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?](https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=320523103294401&agency_cd=USGS&format=html)

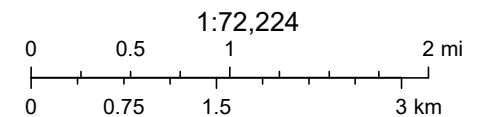


Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2022-10-18 19:25:18 EDT
0.34 0.3 nadww01

New Mexico NFHL Data



October 18, 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: 880-20448-1

Laboratory Sample Delivery Group: Lea County, New Mexico
Client Project/Site: Dominator 25 Federal CTB (07.22.22)

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:

10/18/2022 3:18:30 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 Federal CTB (07.22.22)

Laboratory Job ID: 880-20448-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources

Job ID: 880-20448-1

Project/Site: Dominator 25 Federal CTB (07.22.22)

SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Job ID: 880-20448-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-20448-1****Receipt**

The samples were received on 10/17/2022 4:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-0.5') (880-20448-1), S-2 (0-0.5') (880-20448-2), SW-1 (0.5') (880-20448-3), SW-2 (0.5') (880-20448-4), SW-3 (0.5') (880-20448-5), SW-4 (0.5') (880-20448-6), CS-1 (0.5') (880-20448-7), CS-2 (0.5') (880-20448-8), CS-3 (0.5') (880-20448-9), CS-4 (0.5') (880-20448-10), CS-5 (0.5') (880-20448-11), CS-6 (0.5') (880-20448-12), CS-7 (0.5') (880-20448-13), CS-8 (0.5') (880-20448-14), CS-9 (0.5') (880-20448-15), CS-10 (0.5') (880-20448-16), CS-11 (0.5') (880-20448-17), CS-12 (0.5') (880-20448-18), CS-13 (0.5') (880-20448-19) and CS-14 (0.5') (880-20448-20).

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-37176 and analytical batch 880-37035 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-1 (0.5') (880-20448-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-20448-1

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/17/22 17:08	10/17/22 21:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/22 17:08	10/17/22 21:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/22 17:08	10/17/22 21:47	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/17/22 17:08	10/17/22 21:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/22 17:08	10/17/22 21:47	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/17/22 17:08	10/17/22 21:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	10/17/22 17:08	10/17/22 21:47	1
1,4-Difluorobenzene (Surr)	93		70 - 130	10/17/22 17:08	10/17/22 21:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/17/22 21:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/17/22 21:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/17/22 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	10/17/22 16:44	10/17/22 21:32	1
o-Terphenyl	115		70 - 130	10/17/22 16:44	10/17/22 21:32	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.9		5.04		mg/Kg			10/18/22 11:07	1

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

Lab Sample ID: 880-20448-2

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/17/22 22:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/17/22 22:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/17/22 22:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/17/22 17:08	10/17/22 22:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/17/22 22:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/22 17:08	10/17/22 22:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	10/17/22 17:08	10/17/22 22:07	1
1,4-Difluorobenzene (Surr)	102		70 - 130	10/17/22 17:08	10/17/22 22:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-20448-2

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/17/22 22:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/17/22 22:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/17/22 22:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				10/17/22 16:44	10/17/22 22:37	1
o-Terphenyl	109		70 - 130				10/17/22 16:44	10/17/22 22:37	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.93		5.00		mg/Kg			10/18/22 11:32	1

Client Sample ID: SW-1 (0.5')

Lab Sample ID: 880-20448-3

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/22 17:08	10/17/22 22:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/22 17:08	10/17/22 22:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/22 17:08	10/17/22 22:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/17/22 17:08	10/17/22 22:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/22 17:08	10/17/22 22:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/22 17:08	10/17/22 22:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				10/17/22 17:08	10/17/22 22:28	1
1,4-Difluorobenzene (Surr)	85		70 - 130				10/17/22 17:08	10/17/22 22:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/17/22 22:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/17/22 22:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: SW-1 (0.5')

Lab Sample ID: 880-20448-3

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/17/22 22:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				10/17/22 16:44	10/17/22 22:58	1
o-Terphenyl	125		70 - 130				10/17/22 16:44	10/17/22 22:58	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.2		5.00		mg/Kg			10/18/22 11:41	1

Client Sample ID: SW-2 (0.5')

Lab Sample ID: 880-20448-4

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/17/22 22:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/17/22 22:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/17/22 22:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/17/22 17:08	10/17/22 22:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/17/22 22:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/22 17:08	10/17/22 22:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				10/17/22 17:08	10/17/22 22:48	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/17/22 17:08	10/17/22 22:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/17/22 23:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/17/22 23:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/17/22 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				10/17/22 16:44	10/17/22 23:20	1
o-Terphenyl	101		70 - 130				10/17/22 16:44	10/17/22 23:20	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.4		5.01		mg/Kg			10/18/22 11:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: SW-3 (0.5')

Lab Sample ID: 880-20448-5

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00375		0.00199		mg/Kg		10/17/22 17:08	10/17/22 23:09	1
Toluene	0.00633		0.00199		mg/Kg		10/17/22 17:08	10/17/22 23:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/22 17:08	10/17/22 23:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/17/22 17:08	10/17/22 23:09	1
o-Xylene	0.0102		0.00199		mg/Kg		10/17/22 17:08	10/17/22 23:09	1
Xylenes, Total	0.0102		0.00398		mg/Kg		10/17/22 17:08	10/17/22 23:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	10/17/22 17:08	10/17/22 23:09	1
1,4-Difluorobenzene (Surr)	125		70 - 130	10/17/22 17:08	10/17/22 23:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0203		0.00398		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/17/22 23:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/17/22 23:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/17/22 23:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				10/17/22 16:44	10/17/22 23:42	1
o-Terphenyl	107		70 - 130				10/17/22 16:44	10/17/22 23:42	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.4		5.02		mg/Kg			10/18/22 11:58	1

Client Sample ID: SW-4 (0.5')

Lab Sample ID: 880-20448-6

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/17/22 17:08	10/17/22 23:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/22 17:08	10/17/22 23:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/22 17:08	10/17/22 23:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/17/22 17:08	10/17/22 23:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/22 17:08	10/17/22 23:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/22 17:08	10/17/22 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	10/17/22 17:08	10/17/22 23:29	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/17/22 17:08	10/17/22 23:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: SW-4 (0.5')

Lab Sample ID: 880-20448-6

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 00:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 00:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				10/17/22 16:44	10/18/22 00:04	1
o-Terphenyl	90		70 - 130				10/17/22 16:44	10/18/22 00:04	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.9		5.01		mg/Kg			10/18/22 12:23	1

Client Sample ID: CS-1 (0.5')

Lab Sample ID: 880-20448-7

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/17/22 17:08	10/17/22 23:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/22 17:08	10/17/22 23:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/22 17:08	10/17/22 23:50	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/17/22 17:08	10/17/22 23:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/22 17:08	10/17/22 23:50	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/17/22 17:08	10/17/22 23:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				10/17/22 17:08	10/17/22 23:50	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/17/22 17:08	10/17/22 23:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/18/22 00:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/18/22 00:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (0.5')

Lab Sample ID: 880-20448-7

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/18/22 00:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				10/17/22 16:44	10/18/22 00:25	1
o-Terphenyl	101		70 - 130				10/17/22 16:44	10/18/22 00:25	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.1		4.97		mg/Kg			10/18/22 12:31	1

Client Sample ID: CS-2 (0.5')

Lab Sample ID: 880-20448-8

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/17/22 17:08	10/18/22 00:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/22 17:08	10/18/22 00:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/22 17:08	10/18/22 00:10	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/17/22 17:08	10/18/22 00:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/22 17:08	10/18/22 00:10	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/17/22 17:08	10/18/22 00:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				10/17/22 17:08	10/18/22 00:10	1
1,4-Difluorobenzene (Surr)	78		70 - 130				10/17/22 17:08	10/18/22 00:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 00:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 00:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 00:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				10/17/22 16:44	10/18/22 00:46	1
o-Terphenyl	102		70 - 130				10/17/22 16:44	10/18/22 00:46	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.9		4.95		mg/Kg			10/18/22 12:39	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: CS-3 (0.5')

Lab Sample ID: 880-20448-9

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/17/22 17:08	10/18/22 00:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/22 17:08	10/18/22 00:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/22 17:08	10/18/22 00:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/17/22 17:08	10/18/22 00:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/22 17:08	10/18/22 00:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/22 17:08	10/18/22 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	10/17/22 17:08	10/18/22 00:31	1
1,4-Difluorobenzene (Surr)	79		70 - 130	10/17/22 17:08	10/18/22 00:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/18/22 01:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/18/22 01:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/18/22 01:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	10/17/22 16:44	10/18/22 01:08	1
o-Terphenyl	108		70 - 130	10/17/22 16:44	10/18/22 01:08	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.0		4.95		mg/Kg			10/18/22 12:48	1

Client Sample ID: CS-4 (0.5')

Lab Sample ID: 880-20448-10

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/18/22 00:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/18/22 00:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/18/22 00:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/17/22 17:08	10/18/22 00:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/18/22 00:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/17/22 17:08	10/18/22 00:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	10/17/22 17:08	10/18/22 00:51	1
1,4-Difluorobenzene (Surr)	81		70 - 130	10/17/22 17:08	10/18/22 00:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: CS-4 (0.5')

Lab Sample ID: 880-20448-10

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/18/22 01:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/18/22 01:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/18/22 01:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				10/17/22 16:44	10/18/22 01:29	1
o-Terphenyl	105		70 - 130				10/17/22 16:44	10/18/22 01:29	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.4		5.00		mg/Kg			10/18/22 12:56	1

Client Sample ID: CS-5 (0.5')

Lab Sample ID: 880-20448-11

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/18/22 02:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/18/22 02:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/18/22 02:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/17/22 17:08	10/18/22 02:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/18/22 02:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/22 17:08	10/18/22 02:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				10/17/22 17:08	10/18/22 02:13	1
1,4-Difluorobenzene (Surr)	97		70 - 130				10/17/22 17:08	10/18/22 02:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 02:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 02:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: CS-5 (0.5')

Lab Sample ID: 880-20448-11

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 02:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				10/17/22 16:44	10/18/22 02:12	1
o-Terphenyl	109		70 - 130				10/17/22 16:44	10/18/22 02:12	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.4		5.01		mg/Kg			10/18/22 13:04	1

Client Sample ID: CS-6 (0.5')

Lab Sample ID: 880-20448-12

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/17/22 17:08	10/18/22 02:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/22 17:08	10/18/22 02:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/22 17:08	10/18/22 02:33	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/17/22 17:08	10/18/22 02:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/22 17:08	10/18/22 02:33	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/17/22 17:08	10/18/22 02:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				10/17/22 17:08	10/18/22 02:33	1
1,4-Difluorobenzene (Surr)	85		70 - 130				10/17/22 17:08	10/18/22 02:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/18/22 02:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/18/22 02:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/18/22 02:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				10/17/22 16:44	10/18/22 02:33	1
o-Terphenyl	96		70 - 130				10/17/22 16:44	10/18/22 02:33	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.4		4.99		mg/Kg			10/18/22 13:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (0.5')

Lab Sample ID: 880-20448-13

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/22 17:08	10/18/22 02:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/22 17:08	10/18/22 02:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/22 17:08	10/18/22 02:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/17/22 17:08	10/18/22 02:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/22 17:08	10/18/22 02:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/22 17:08	10/18/22 02:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	10/17/22 17:08	10/18/22 02:54	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/17/22 17:08	10/18/22 02:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/18/22 02:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/18/22 02:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/18/22 02:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	10/17/22 16:44	10/18/22 02:55	1
o-Terphenyl	117		70 - 130	10/17/22 16:44	10/18/22 02:55	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.0		4.98		mg/Kg			10/18/22 13:38	1

Client Sample ID: CS-8 (0.5')

Lab Sample ID: 880-20448-14

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/17/22 17:08	10/18/22 03:14	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/22 17:08	10/18/22 03:14	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/22 17:08	10/18/22 03:14	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/17/22 17:08	10/18/22 03:14	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/22 17:08	10/18/22 03:14	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/22 17:08	10/18/22 03:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	10/17/22 17:08	10/18/22 03:14	1
1,4-Difluorobenzene (Surr)	96		70 - 130	10/17/22 17:08	10/18/22 03:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: CS-8 (0.5')

Lab Sample ID: 880-20448-14

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/18/22 03:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/18/22 03:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/18/22 03:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/17/22 16:44	10/18/22 03:16	1
o-Terphenyl	98		70 - 130				10/17/22 16:44	10/18/22 03:16	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.2		5.03		mg/Kg			10/18/22 14:03	1

Client Sample ID: CS-9 (0.5')

Lab Sample ID: 880-20448-15

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/17/22 17:08	10/18/22 03:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/22 17:08	10/18/22 03:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/22 17:08	10/18/22 03:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/17/22 17:08	10/18/22 03:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/22 17:08	10/18/22 03:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/22 17:08	10/18/22 03:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				10/17/22 17:08	10/18/22 03:34	1
1,4-Difluorobenzene (Surr)	97		70 - 130				10/17/22 17:08	10/18/22 03:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 03:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 03:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: CS-9 (0.5')

Lab Sample ID: 880-20448-15

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 03:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				10/17/22 16:44	10/18/22 03:37	1
o-Terphenyl	94		70 - 130				10/17/22 16:44	10/18/22 03:37	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.8		5.04		mg/Kg			10/18/22 14:11	1

Client Sample ID: CS-10 (0.5')

Lab Sample ID: 880-20448-16

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/18/22 03:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/18/22 03:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/18/22 03:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/17/22 17:08	10/18/22 03:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/18/22 03:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/17/22 17:08	10/18/22 03:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				10/17/22 17:08	10/18/22 03:55	1
1,4-Difluorobenzene (Surr)	85		70 - 130				10/17/22 17:08	10/18/22 03:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/18/22 03:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/18/22 03:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/18/22 03:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/17/22 16:44	10/18/22 03:58	1
o-Terphenyl	95		70 - 130				10/17/22 16:44	10/18/22 03:58	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.8		4.98		mg/Kg			10/18/22 14:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (0.5')

Lab Sample ID: 880-20448-17

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/22 17:08	10/18/22 04:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/22 17:08	10/18/22 04:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/22 17:08	10/18/22 04:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/17/22 17:08	10/18/22 04:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/22 17:08	10/18/22 04:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/22 17:08	10/18/22 04:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	10/17/22 17:08	10/18/22 04:15	1
1,4-Difluorobenzene (Surr)	82		70 - 130	10/17/22 17:08	10/18/22 04:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/18/22 04:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/18/22 04:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/22 16:44	10/18/22 04:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	10/17/22 16:44	10/18/22 04:20	1
o-Terphenyl	98		70 - 130	10/17/22 16:44	10/18/22 04:20	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.4		4.95		mg/Kg			10/18/22 14:28	1

Client Sample ID: CS-12 (0.5')

Lab Sample ID: 880-20448-18

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/17/22 17:08	10/18/22 04:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/22 17:08	10/18/22 04:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/22 17:08	10/18/22 04:36	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/17/22 17:08	10/18/22 04:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/22 17:08	10/18/22 04:36	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/22 17:08	10/18/22 04:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	10/17/22 17:08	10/18/22 04:36	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/17/22 17:08	10/18/22 04:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: CS-12 (0.5')

Lab Sample ID: 880-20448-18

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 04:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 04:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 04:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				10/17/22 16:44	10/18/22 04:41	1
o-Terphenyl	116		70 - 130				10/17/22 16:44	10/18/22 04:41	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.8		5.00		mg/Kg			10/18/22 14:36	1

Client Sample ID: CS-13 (0.5')

Lab Sample ID: 880-20448-19

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/17/22 17:08	10/18/22 04:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/22 17:08	10/18/22 04:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/22 17:08	10/18/22 04:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/17/22 17:08	10/18/22 04:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/22 17:08	10/18/22 04:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/22 17:08	10/18/22 04:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				10/17/22 17:08	10/18/22 04:56	1
1,4-Difluorobenzene (Surr)	83		70 - 130				10/17/22 17:08	10/18/22 04:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 05:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 05:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: CS-13 (0.5')

Lab Sample ID: 880-20448-19

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/22 16:44	10/18/22 05:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				10/17/22 16:44	10/18/22 05:02	1
o-Terphenyl	103		70 - 130				10/17/22 16:44	10/18/22 05:02	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.7		4.99		mg/Kg			10/18/22 14:44	1

Client Sample ID: CS-14 (0.5')

Lab Sample ID: 880-20448-20

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/17/22 17:08	10/18/22 05:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/22 17:08	10/18/22 05:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/22 17:08	10/18/22 05:17	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/17/22 17:08	10/18/22 05:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/22 17:08	10/18/22 05:17	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/17/22 17:08	10/18/22 05:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/17/22 17:08	10/18/22 05:17	1
1,4-Difluorobenzene (Surr)	92		70 - 130				10/17/22 17:08	10/18/22 05:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/18/22 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/18/22 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/18/22 05:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/18/22 05:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/18/22 05:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				10/17/22 16:44	10/18/22 05:23	1
o-Terphenyl	104		70 - 130				10/17/22 16:44	10/18/22 05:23	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.4		4.96		mg/Kg			10/18/22 14:53	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-20448-1

Project/Site: Dominator 25 Federal CTB (07.22.22)

SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		BFB1 (70-130)	DFBZ1 (70-130)				
880-20448-1	S-1 (0-0.5')	95	93				
880-20448-1 MS	S-1 (0-0.5')	116	100				
880-20448-1 MSD	S-1 (0-0.5')	93	109				
880-20448-2	S-2 (0-0.5')	77	102				
880-20448-3	SW-1 (0.5')	83	85				
880-20448-4	SW-2 (0.5')	92	99				
880-20448-5	SW-3 (0.5')	74	125				
880-20448-6	SW-4 (0.5')	86	94				
880-20448-7	CS-1 (0.5')	94	99				
880-20448-8	CS-2 (0.5')	100	78				
880-20448-9	CS-3 (0.5')	102	79				
880-20448-10	CS-4 (0.5')	105	81				
880-20448-11	CS-5 (0.5')	95	97				
880-20448-12	CS-6 (0.5')	115	85				
880-20448-13	CS-7 (0.5')	94	94				
880-20448-14	CS-8 (0.5')	94	96				
880-20448-15	CS-9 (0.5')	94	97				
880-20448-16	CS-10 (0.5')	113	85				
880-20448-17	CS-11 (0.5')	85	82				
880-20448-18	CS-12 (0.5')	90	94				
880-20448-19	CS-13 (0.5')	84	83				
880-20448-20	CS-14 (0.5')	91	92				
LCS 880-37180/1-A	Lab Control Sample	110	99				
LCSD 880-37180/2-A	Lab Control Sample Dup	95	107				
MB 880-36972/5-A	Method Blank	85	96				
MB 880-37180/5-A	Method Blank	83	94				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		1CO1 (70-130)	OTPH1 (70-130)				
880-20448-1	S-1 (0-0.5')	125	115				
880-20448-1 MS	S-1 (0-0.5')	110	91				
880-20448-1 MSD	S-1 (0-0.5')	105	87				
880-20448-2	S-2 (0-0.5')	119	109				
880-20448-3	SW-1 (0.5')	134 S1+	125				
880-20448-4	SW-2 (0.5')	108	101				
880-20448-5	SW-3 (0.5')	118	107				
880-20448-6	SW-4 (0.5')	101	90				
880-20448-7	CS-1 (0.5')	108	101				
880-20448-8	CS-2 (0.5')	109	102				
880-20448-9	CS-3 (0.5')	115	108				
880-20448-10	CS-4 (0.5')	113	105				
880-20448-11	CS-5 (0.5')	116	109				

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-20448-1

Project/Site: Dominator 25 Federal CTB (07.22.22)

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-20448-12	CS-6 (0.5')	101	96
880-20448-13	CS-7 (0.5')	125	117
880-20448-14	CS-8 (0.5')	102	98
880-20448-15	CS-9 (0.5')	100	94
880-20448-16	CS-10 (0.5')	102	95
880-20448-17	CS-11 (0.5')	106	98
880-20448-18	CS-12 (0.5')	128	116
880-20448-19	CS-13 (0.5')	112	103
880-20448-20	CS-14 (0.5')	115	104
LCS 880-37176/2-A	Lab Control Sample	94	95
LCSD 880-37176/3-A	Lab Control Sample Dup	84	84
MB 880-37176/1-A	Method Blank	142 S1+	129

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-36972/5-A

Matrix: Solid

Analysis Batch: 37043

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36972

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/14/22 12:57	10/17/22 10:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/14/22 12:57	10/17/22 10:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/14/22 12:57	10/17/22 10:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/14/22 12:57	10/17/22 10:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/14/22 12:57	10/17/22 10:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/14/22 12:57	10/17/22 10:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	10/14/22 12:57	10/17/22 10:51	1
1,4-Difluorobenzene (Surr)	96		70 - 130	10/14/22 12:57	10/17/22 10:51	1

Lab Sample ID: MB 880-37180/5-A

Matrix: Solid

Analysis Batch: 37043

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37180

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/17/22 21:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/17/22 21:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/17/22 21:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/17/22 17:08	10/17/22 21:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/22 17:08	10/17/22 21:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/22 17:08	10/17/22 21:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	10/17/22 17:08	10/17/22 21:25	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/17/22 17:08	10/17/22 21:25	1

Lab Sample ID: LCS 880-37180/1-A

Matrix: Solid

Analysis Batch: 37043

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 37180

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09598		mg/Kg		96	70 - 130
Toluene	0.100	0.09984		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2239		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1101		mg/Kg		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-37180/2-A

Matrix: Solid

Analysis Batch: 37043

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 37180

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1179		mg/Kg		118	70 - 130	21	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-37180/2-A

Matrix: Solid

Analysis Batch: 37043

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 37180

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09936		mg/Kg		99	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2036		mg/Kg		102	70 - 130	9	35
o-Xylene	0.100	0.09981		mg/Kg		100	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-20448-1 MS

Matrix: Solid

Analysis Batch: 37043

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

Prep Type: Total/NA

Prep Batch: 37180

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.0994	0.08688		mg/Kg		87	70 - 130
Toluene	<0.00202	U	0.0994	0.08624		mg/Kg		87	70 - 130
Ethylbenzene	<0.00202	U	0.0994	0.09233		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.199	0.2001		mg/Kg		101	70 - 130
o-Xylene	<0.00202	U	0.0994	0.1005		mg/Kg		101	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-20448-1 MSD

Matrix: Solid

Analysis Batch: 37043

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

Prep Type: Total/NA

Prep Batch: 37180

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0992	0.09384		mg/Kg		95	70 - 130	8	35
Toluene	<0.00202	U	0.0992	0.07754		mg/Kg		78	70 - 130	11	35
Ethylbenzene	<0.00202	U	0.0992	0.07432		mg/Kg		75	70 - 130	22	35
m-Xylene & p-Xylene	<0.00404	U	0.198	0.1533		mg/Kg		77	70 - 130	27	35
o-Xylene	<0.00202	U	0.0992	0.07708		mg/Kg		78	70 - 130	26	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

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

Lab Sample ID: MB 880-37176/1-A

Matrix: Solid

Analysis Batch: 37035

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37176

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		10/17/22 16:44	10/17/22 20:28	1

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QC Sample Results

Client: Carmona Resources

Job ID: 880-20448-1

Project/Site: Dominator 25 Federal CTB (07.22.22)

SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-37176/1-A

Matrix: Solid

Analysis Batch: 37035

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37176

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/17/22 20:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/22 16:44	10/17/22 20:28	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130				10/17/22 16:44	10/17/22 20:28	1
o-Terphenyl	129		70 - 130				10/17/22 16:44	10/17/22 20:28	1

Lab Sample ID: LCS 880-37176/2-A

Matrix: Solid

Analysis Batch: 37035

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 37176

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	819.1		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1053		mg/Kg		105	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	94		70 - 130				
o-Terphenyl	95		70 - 130				

Lab Sample ID: LCSD 880-37176/3-A

Matrix: Solid

Analysis Batch: 37035

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 37176

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	771.0		mg/Kg		77	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	943.2		mg/Kg		94	70 - 130	11	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	84		70 - 130						
o-Terphenyl	84		70 - 130						

Lab Sample ID: 880-20448-1 MS

Matrix: Solid

Analysis Batch: 37035

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

Prep Type: Total/NA

Prep Batch: 37176

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	923.5		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	997.3		mg/Kg		100	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	91		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-20448-1 MSD

Matrix: Solid

Analysis Batch: 37035

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

Prep Type: Total/NA

Prep Batch: 37176

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	892.6		mg/Kg		90	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	954.1		mg/Kg		96	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	105		70 - 130								
o-Terphenyl	87		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-37177/1-A

Matrix: Solid

Analysis Batch: 37226

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			10/18/22 10:42	1

Lab Sample ID: LCS 880-37177/2-A

Matrix: Solid

Analysis Batch: 37226

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	233.4		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-37177/3-A

Matrix: Solid

Analysis Batch: 37226

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	234.2		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-20448-1 MS

Matrix: Solid

Analysis Batch: 37226

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	14.9		252	249.9		mg/Kg		93	90 - 110

Lab Sample ID: 880-20448-1 MSD

Matrix: Solid

Analysis Batch: 37226

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14.9		252	250.7		mg/Kg		94	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-20448-11 MS

Matrix: Solid

Analysis Batch: 37226

Client Sample ID: CS-5 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	17.4		251	274.1		mg/Kg		102	90 - 110

Lab Sample ID: 880-20448-11 MSD

Matrix: Solid

Analysis Batch: 37226

Client Sample ID: CS-5 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	17.4		251	268.1		mg/Kg		100	90 - 110	2	20

QC Association Summary

Client: Carmona Resources

Job ID: 880-20448-1

Project/Site: Dominator 25 Federal CTB (07.22.22)

SDG: Lea County, New Mexico

GC VOA

Prep Batch: 36972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-36972/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 37043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20448-1	S-1 (0-0.5')	Total/NA	Solid	8021B	37180
880-20448-2	S-2 (0-0.5')	Total/NA	Solid	8021B	37180
880-20448-3	SW-1 (0.5')	Total/NA	Solid	8021B	37180
880-20448-4	SW-2 (0.5')	Total/NA	Solid	8021B	37180
880-20448-5	SW-3 (0.5')	Total/NA	Solid	8021B	37180
880-20448-6	SW-4 (0.5')	Total/NA	Solid	8021B	37180
880-20448-7	CS-1 (0.5')	Total/NA	Solid	8021B	37180
880-20448-8	CS-2 (0.5')	Total/NA	Solid	8021B	37180
880-20448-9	CS-3 (0.5')	Total/NA	Solid	8021B	37180
880-20448-10	CS-4 (0.5')	Total/NA	Solid	8021B	37180
880-20448-11	CS-5 (0.5')	Total/NA	Solid	8021B	37180
880-20448-12	CS-6 (0.5')	Total/NA	Solid	8021B	37180
880-20448-13	CS-7 (0.5')	Total/NA	Solid	8021B	37180
880-20448-14	CS-8 (0.5')	Total/NA	Solid	8021B	37180
880-20448-15	CS-9 (0.5')	Total/NA	Solid	8021B	37180
880-20448-16	CS-10 (0.5')	Total/NA	Solid	8021B	37180
880-20448-17	CS-11 (0.5')	Total/NA	Solid	8021B	37180
880-20448-18	CS-12 (0.5')	Total/NA	Solid	8021B	37180
880-20448-19	CS-13 (0.5')	Total/NA	Solid	8021B	37180
880-20448-20	CS-14 (0.5')	Total/NA	Solid	8021B	37180
MB 880-36972/5-A	Method Blank	Total/NA	Solid	8021B	36972
MB 880-37180/5-A	Method Blank	Total/NA	Solid	8021B	37180
LCS 880-37180/1-A	Lab Control Sample	Total/NA	Solid	8021B	37180
LCSD 880-37180/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	37180
880-20448-1 MS	S-1 (0-0.5')	Total/NA	Solid	8021B	37180
880-20448-1 MSD	S-1 (0-0.5')	Total/NA	Solid	8021B	37180

Prep Batch: 37180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20448-1	S-1 (0-0.5')	Total/NA	Solid	5035	
880-20448-2	S-2 (0-0.5')	Total/NA	Solid	5035	
880-20448-3	SW-1 (0.5')	Total/NA	Solid	5035	
880-20448-4	SW-2 (0.5')	Total/NA	Solid	5035	
880-20448-5	SW-3 (0.5')	Total/NA	Solid	5035	
880-20448-6	SW-4 (0.5')	Total/NA	Solid	5035	
880-20448-7	CS-1 (0.5')	Total/NA	Solid	5035	
880-20448-8	CS-2 (0.5')	Total/NA	Solid	5035	
880-20448-9	CS-3 (0.5')	Total/NA	Solid	5035	
880-20448-10	CS-4 (0.5')	Total/NA	Solid	5035	
880-20448-11	CS-5 (0.5')	Total/NA	Solid	5035	
880-20448-12	CS-6 (0.5')	Total/NA	Solid	5035	
880-20448-13	CS-7 (0.5')	Total/NA	Solid	5035	
880-20448-14	CS-8 (0.5')	Total/NA	Solid	5035	
880-20448-15	CS-9 (0.5')	Total/NA	Solid	5035	
880-20448-16	CS-10 (0.5')	Total/NA	Solid	5035	
880-20448-17	CS-11 (0.5')	Total/NA	Solid	5035	
880-20448-18	CS-12 (0.5')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-20448-1

Project/Site: Dominator 25 Federal CTB (07.22.22)

SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 37180 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20448-19	CS-13 (0.5')	Total/NA	Solid	5035	
880-20448-20	CS-14 (0.5')	Total/NA	Solid	5035	
MB 880-37180/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-37180/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-37180/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-20448-1 MS	S-1 (0-0.5')	Total/NA	Solid	5035	
880-20448-1 MSD	S-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 37225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20448-1	S-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-20448-2	S-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-20448-3	SW-1 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-4	SW-2 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-5	SW-3 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-6	SW-4 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-7	CS-1 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-8	CS-2 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-9	CS-3 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-10	CS-4 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-11	CS-5 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-12	CS-6 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-13	CS-7 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-14	CS-8 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-15	CS-9 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-16	CS-10 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-17	CS-11 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-18	CS-12 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-19	CS-13 (0.5')	Total/NA	Solid	Total BTEX	
880-20448-20	CS-14 (0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 37035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20448-1	S-1 (0-0.5')	Total/NA	Solid	8015B NM	37176
880-20448-2	S-2 (0-0.5')	Total/NA	Solid	8015B NM	37176
880-20448-3	SW-1 (0.5')	Total/NA	Solid	8015B NM	37176
880-20448-4	SW-2 (0.5')	Total/NA	Solid	8015B NM	37176
880-20448-5	SW-3 (0.5')	Total/NA	Solid	8015B NM	37176
880-20448-6	SW-4 (0.5')	Total/NA	Solid	8015B NM	37176
880-20448-7	CS-1 (0.5')	Total/NA	Solid	8015B NM	37176
880-20448-8	CS-2 (0.5')	Total/NA	Solid	8015B NM	37176
880-20448-9	CS-3 (0.5')	Total/NA	Solid	8015B NM	37176
880-20448-10	CS-4 (0.5')	Total/NA	Solid	8015B NM	37176
880-20448-11	CS-5 (0.5')	Total/NA	Solid	8015B NM	37176
880-20448-12	CS-6 (0.5')	Total/NA	Solid	8015B NM	37176
880-20448-13	CS-7 (0.5')	Total/NA	Solid	8015B NM	37176
880-20448-14	CS-8 (0.5')	Total/NA	Solid	8015B NM	37176
880-20448-15	CS-9 (0.5')	Total/NA	Solid	8015B NM	37176
880-20448-16	CS-10 (0.5')	Total/NA	Solid	8015B NM	37176

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-20448-1

Project/Site: Dominator 25 Federal CTB (07.22.22)

SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 37035 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20448-17	CS-11 (0.5')	Total/NA	Solid	8015B NM	37176
880-20448-18	CS-12 (0.5')	Total/NA	Solid	8015B NM	37176
880-20448-19	CS-13 (0.5')	Total/NA	Solid	8015B NM	37176
880-20448-20	CS-14 (0.5')	Total/NA	Solid	8015B NM	37176
MB 880-37176/1-A	Method Blank	Total/NA	Solid	8015B NM	37176
LCS 880-37176/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	37176
LCSD 880-37176/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	37176
880-20448-1 MS	S-1 (0-0.5')	Total/NA	Solid	8015B NM	37176
880-20448-1 MSD	S-1 (0-0.5')	Total/NA	Solid	8015B NM	37176

Prep Batch: 37176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20448-1	S-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-20448-2	S-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-20448-3	SW-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-4	SW-2 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-5	SW-3 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-6	SW-4 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-7	CS-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-8	CS-2 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-9	CS-3 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-10	CS-4 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-11	CS-5 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-12	CS-6 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-13	CS-7 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-14	CS-8 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-15	CS-9 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-16	CS-10 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-17	CS-11 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-18	CS-12 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-19	CS-13 (0.5')	Total/NA	Solid	8015NM Prep	
880-20448-20	CS-14 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-37176/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-37176/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-37176/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-20448-1 MS	S-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-20448-1 MSD	S-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 37213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20448-1	S-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-20448-2	S-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-20448-3	SW-1 (0.5')	Total/NA	Solid	8015 NM	
880-20448-4	SW-2 (0.5')	Total/NA	Solid	8015 NM	
880-20448-5	SW-3 (0.5')	Total/NA	Solid	8015 NM	
880-20448-6	SW-4 (0.5')	Total/NA	Solid	8015 NM	
880-20448-7	CS-1 (0.5')	Total/NA	Solid	8015 NM	
880-20448-8	CS-2 (0.5')	Total/NA	Solid	8015 NM	
880-20448-9	CS-3 (0.5')	Total/NA	Solid	8015 NM	
880-20448-10	CS-4 (0.5')	Total/NA	Solid	8015 NM	
880-20448-11	CS-5 (0.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-20448-1

Project/Site: Dominator 25 Federal CTB (07.22.22)

SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 37213 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20448-12	CS-6 (0.5')	Total/NA	Solid	8015 NM	
880-20448-13	CS-7 (0.5')	Total/NA	Solid	8015 NM	
880-20448-14	CS-8 (0.5')	Total/NA	Solid	8015 NM	
880-20448-15	CS-9 (0.5')	Total/NA	Solid	8015 NM	
880-20448-16	CS-10 (0.5')	Total/NA	Solid	8015 NM	
880-20448-17	CS-11 (0.5')	Total/NA	Solid	8015 NM	
880-20448-18	CS-12 (0.5')	Total/NA	Solid	8015 NM	
880-20448-19	CS-13 (0.5')	Total/NA	Solid	8015 NM	
880-20448-20	CS-14 (0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 37177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20448-1	S-1 (0-0.5')	Soluble	Solid	DI Leach	
880-20448-2	S-2 (0-0.5')	Soluble	Solid	DI Leach	
880-20448-3	SW-1 (0.5')	Soluble	Solid	DI Leach	
880-20448-4	SW-2 (0.5')	Soluble	Solid	DI Leach	
880-20448-5	SW-3 (0.5')	Soluble	Solid	DI Leach	
880-20448-6	SW-4 (0.5')	Soluble	Solid	DI Leach	
880-20448-7	CS-1 (0.5')	Soluble	Solid	DI Leach	
880-20448-8	CS-2 (0.5')	Soluble	Solid	DI Leach	
880-20448-9	CS-3 (0.5')	Soluble	Solid	DI Leach	
880-20448-10	CS-4 (0.5')	Soluble	Solid	DI Leach	
880-20448-11	CS-5 (0.5')	Soluble	Solid	DI Leach	
880-20448-12	CS-6 (0.5')	Soluble	Solid	DI Leach	
880-20448-13	CS-7 (0.5')	Soluble	Solid	DI Leach	
880-20448-14	CS-8 (0.5')	Soluble	Solid	DI Leach	
880-20448-15	CS-9 (0.5')	Soluble	Solid	DI Leach	
880-20448-16	CS-10 (0.5')	Soluble	Solid	DI Leach	
880-20448-17	CS-11 (0.5')	Soluble	Solid	DI Leach	
880-20448-18	CS-12 (0.5')	Soluble	Solid	DI Leach	
880-20448-19	CS-13 (0.5')	Soluble	Solid	DI Leach	
880-20448-20	CS-14 (0.5')	Soluble	Solid	DI Leach	
MB 880-37177/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-37177/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-37177/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-20448-1 MS	S-1 (0-0.5')	Soluble	Solid	DI Leach	
880-20448-1 MSD	S-1 (0-0.5')	Soluble	Solid	DI Leach	
880-20448-11 MS	CS-5 (0.5')	Soluble	Solid	DI Leach	
880-20448-11 MSD	CS-5 (0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 37226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20448-1	S-1 (0-0.5')	Soluble	Solid	300.0	37177
880-20448-2	S-2 (0-0.5')	Soluble	Solid	300.0	37177
880-20448-3	SW-1 (0.5')	Soluble	Solid	300.0	37177
880-20448-4	SW-2 (0.5')	Soluble	Solid	300.0	37177
880-20448-5	SW-3 (0.5')	Soluble	Solid	300.0	37177
880-20448-6	SW-4 (0.5')	Soluble	Solid	300.0	37177
880-20448-7	CS-1 (0.5')	Soluble	Solid	300.0	37177

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-20448-1

Project/Site: Dominator 25 Federal CTB (07.22.22)

SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 37226 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20448-8	CS-2 (0.5')	Soluble	Solid	300.0	37177
880-20448-9	CS-3 (0.5')	Soluble	Solid	300.0	37177
880-20448-10	CS-4 (0.5')	Soluble	Solid	300.0	37177
880-20448-11	CS-5 (0.5')	Soluble	Solid	300.0	37177
880-20448-12	CS-6 (0.5')	Soluble	Solid	300.0	37177
880-20448-13	CS-7 (0.5')	Soluble	Solid	300.0	37177
880-20448-14	CS-8 (0.5')	Soluble	Solid	300.0	37177
880-20448-15	CS-9 (0.5')	Soluble	Solid	300.0	37177
880-20448-16	CS-10 (0.5')	Soluble	Solid	300.0	37177
880-20448-17	CS-11 (0.5')	Soluble	Solid	300.0	37177
880-20448-18	CS-12 (0.5')	Soluble	Solid	300.0	37177
880-20448-19	CS-13 (0.5')	Soluble	Solid	300.0	37177
880-20448-20	CS-14 (0.5')	Soluble	Solid	300.0	37177
MB 880-37177/1-A	Method Blank	Soluble	Solid	300.0	37177
LCS 880-37177/2-A	Lab Control Sample	Soluble	Solid	300.0	37177
LCSD 880-37177/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	37177
880-20448-1 MS	S-1 (0-0.5')	Soluble	Solid	300.0	37177
880-20448-1 MSD	S-1 (0-0.5')	Soluble	Solid	300.0	37177
880-20448-11 MS	CS-5 (0.5')	Soluble	Solid	300.0	37177
880-20448-11 MSD	CS-5 (0.5')	Soluble	Solid	300.0	37177

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-20448-1

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/17/22 21:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/17/22 21:32	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 11:07	CH	EET MID

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

Lab Sample ID: 880-20448-2

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/17/22 22:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/17/22 22:37	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 11:32	CH	EET MID

Client Sample ID: SW-1 (0.5')

Lab Sample ID: 880-20448-3

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/17/22 22:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/17/22 22:58	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 11:41	CH	EET MID

Client Sample ID: SW-2 (0.5')

Lab Sample ID: 880-20448-4

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/17/22 22:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: SW-2 (0.5')

Lab Sample ID: 880-20448-4

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/17/22 23:20	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 11:49	CH	EET MID

Client Sample ID: SW-3 (0.5')

Lab Sample ID: 880-20448-5

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/17/22 23:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/17/22 23:42	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 11:58	CH	EET MID

Client Sample ID: SW-4 (0.5')

Lab Sample ID: 880-20448-6

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/17/22 23:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/18/22 00:04	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 12:23	CH	EET MID

Client Sample ID: CS-1 (0.5')

Lab Sample ID: 880-20448-7

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/17/22 23:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/18/22 00:25	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (0.5')

Lab Sample ID: 880-20448-7

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 12:31	CH	EET MID

Client Sample ID: CS-2 (0.5')

Lab Sample ID: 880-20448-8

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/18/22 00:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/18/22 00:46	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 12:39	CH	EET MID

Client Sample ID: CS-3 (0.5')

Lab Sample ID: 880-20448-9

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/18/22 00:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/18/22 01:08	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 12:48	CH	EET MID

Client Sample ID: CS-4 (0.5')

Lab Sample ID: 880-20448-10

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/18/22 00:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/18/22 01:29	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 12:56	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: CS-5 (0.5')

Date Collected: 10/17/22 00:00

Date Received: 10/17/22 16:30

Lab Sample ID: 880-20448-11

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			5.00 g	5 mL	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/18/22 02:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/18/22 02:12	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 13:04	CH	EET MID

Client Sample ID: CS-6 (0.5')

Date Collected: 10/17/22 00:00

Date Received: 10/17/22 16:30

Lab Sample ID: 880-20448-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/18/22 02:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/18/22 02:33	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 13:29	CH	EET MID

Client Sample ID: CS-7 (0.5')

Date Collected: 10/17/22 00:00

Date Received: 10/17/22 16:30

Lab Sample ID: 880-20448-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/18/22 02:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/18/22 02:55	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 13:38	CH	EET MID

Client Sample ID: CS-8 (0.5')

Date Collected: 10/17/22 00:00

Date Received: 10/17/22 16:30

Lab Sample ID: 880-20448-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/18/22 03:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: CS-8 (0.5')

Lab Sample ID: 880-20448-14

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/18/22 03:16	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 14:03	CH	EET MID

Client Sample ID: CS-9 (0.5')

Lab Sample ID: 880-20448-15

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/18/22 03:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/18/22 03:37	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 14:11	CH	EET MID

Client Sample ID: CS-10 (0.5')

Lab Sample ID: 880-20448-16

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/18/22 03:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/18/22 03:58	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 14:19	CH	EET MID

Client Sample ID: CS-11 (0.5')

Lab Sample ID: 880-20448-17

Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/17/22 16:30

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	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/18/22 04:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/18/22 04:20	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (0.5')

Date Collected: 10/17/22 00:00

Date Received: 10/17/22 16:30

Lab Sample ID: 880-20448-17

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			5.05 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 14:28	CH	EET MID

Client Sample ID: CS-12 (0.5')

Date Collected: 10/17/22 00:00

Date Received: 10/17/22 16:30

Lab Sample ID: 880-20448-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/18/22 04:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/18/22 04:41	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 14:36	CH	EET MID

Client Sample ID: CS-13 (0.5')

Date Collected: 10/17/22 00:00

Date Received: 10/17/22 16:30

Lab Sample ID: 880-20448-19

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	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/18/22 04:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/18/22 05:02	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 14:44	CH	EET MID

Client Sample ID: CS-14 (0.5')

Date Collected: 10/17/22 00:00

Date Received: 10/17/22 16:30

Lab Sample ID: 880-20448-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	37180	10/17/22 17:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37043	10/18/22 05:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37225	10/18/22 11:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37213	10/18/22 10:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37176	10/17/22 16:44	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37035	10/18/22 05:23	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	37177	10/17/22 16:46	KS	EET MID
Soluble	Analysis	300.0		1			37226	10/18/22 14:53	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources

Job ID: 880-20448-1

Project/Site: Dominator 25 Federal CTB (07.22.22)

SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

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:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Dominator 25 Federal CTB (07.22.22)

Job ID: 880-20448-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-20448-1	S-1 (0-0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-2	S-2 (0-0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-3	SW-1 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-4	SW-2 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-5	SW-3 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-6	SW-4 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-7	CS-1 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-8	CS-2 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-9	CS-3 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-10	CS-4 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-11	CS-5 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-12	CS-6 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-13	CS-7 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-14	CS-8 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-15	CS-9 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-16	CS-10 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-17	CS-11 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-18	CS-12 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-19	CS-13 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30
880-20448-20	CS-14 (0.5')	Solid	10/17/22 00:00	10/17/22 16:30

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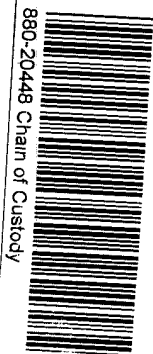
Work Order No: 20448

Page 1 of 2

Project Manager	Conner Moehring	Bill to (if different)	Carmona Resources
Company Name	Carmona Resources	Company Name	
Address	310 W Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	(432) 813-6823	Email	

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

Project Name	Dominitor 25 Federal CTB (07 22 22)		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes					
Project Number	1153		☐ 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 County, New Mexico		Due Date																				
Sampler's Name	MPM		24 Hours																				
PO #																							
SAMPLE RECEIPT			Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐	Parameters																
Received Intact:			Yes ☒ No ☐	Thermometer ID		BTEX 8021B																	
Cooler Custody Seals			Yes ☒ No ☐	Correction Factor		TPH 8015M (GRO + DRO + MRO)																	
Sample Custody Seals			Yes ☒ No ☐	Temperature Reading		Chloride 300.0																	
Total Containers				Corrected Temperature																			
Sample Identification			Date	Time	Soil	Water	Grab/Comp	# of Cont														Sample Comments	
S-1 (0-0.5')			10/17/2022		X		C	1	X	X	X	X	X	X	X	X	X						
S-2 (0-0.5')			10/17/2022		X		C	1	X	X	X	X	X	X	X	X	X						
SW-1 (0.5')			10/17/2022		X		C	1	X	X	X	X	X	X	X	X	X						
SW-2 (0.5')			10/17/2022		X		C	1	X	X	X	X	X	X	X	X	X						
SW-3 (0.5')			10/17/2022		X		C	1	X	X	X	X	X	X	X	X	X						
SW-4 (0.5')			10/17/2022		X		C	1	X	X	X	X	X	X	X	X	X						
CS-1 (0.5')			10/17/2022		X		C	1	X	X	X	X	X	X	X	X	X						
CS-2 (0.5')			10/17/2022		X		C	1	X	X	X	X	X	X	X	X	X						
CS-3 (0.5')			10/17/2022		X		C	1	X	X	X	X	X	X	X	X	X						
CS-4 (0.5')			10/17/2022		X		C	1	X	X	X	X	X	X	X	X	X						



880-20448 Chain of Custody

Comments email results to mcamora@carmonaresources.com and cmoehring@carmonaresources.com

True 24 hr Rush

Relinquished by (Signature)

Date/Time

Received by (Signature)

Date/Time

Handwritten signature

10/17/22 4:30

Handwritten signature

- 1
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- 4
- 5
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- 8
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- 10
- 11
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- 13
- 14

Work Order No: 20448

Page 2 of 2

Project Manager	Conner Moehring	Bill to (if different)	Carmona Resources
Company Name	Carmona Resources	Company Name	
Address	310 W Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	(432) 813-6823	Email	

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

Project Name		Dominantor 25 Federal CTB (07 22 22)		Turn Around			ANALYSIS REQUEST												Preservative Codes	
Project Number	1153	☐ Routine	☒ Rush														None, NO	DI Water, H ₂ O		
Project Location	Lea County, New Mexico	Due Date															Cool, Cool	MeOH, Me		
Sampler's Name	MPM																HCL, HC	HNO ₃ , HN		
PO #.																	H ₂ SO ₄ , H ₂	NaOH, Na		
SAMPLE RECEIPT		Temp Blank	Yes	No	Wet Ice	Yes	No													
Received Intact:		Yes	No	Thermometer ID																
Cooler Custody Seals		Yes	No	N/A	Correction Factor															
Sample Custody Seals.		Yes	No	N/A	Temperature Reading															
Total Containers						Corrected Temperature														
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments		
CS-5 (0.5)		10/17/2022		X		C	1	X	X	X										
CS-6 (0.5)		10/17/2022		X		C	1	X	X	X										
CS-7 (0.5)		10/17/2022		X		C	1	X	X	X										
CS-8 (0.5)		10/17/2022		X		C	1	X	X	X										
CS-9 (0.5)		10/17/2022		X		C	1	X	X	X										
CS-10 (0.5)		10/17/2022		X		C	1	X	X	X										
CS-11 (0.5)		10/17/2022		X		C	1	X	X	X										
CS-12 (0.5)		10/17/2022		X		C	1	X	X	X										
CS-13 (0.5)		10/17/2022		X		C	1	X	X	X										
CS-14 (0.5)		10/17/2022		X		C	1	X	X	X										

Loc: 880

20448

BTEx 8021B

TPH 8015M (GRO + DRO + MRO)

Chloride 300.0

NaOH+Ascorbic Acid SAPC

Na₂S₂O₃

Zn Acetate+NaOH Zn

NaHSO₄, NABIS

H₃PO₄, HP

H₂SO₄, H₂

NaOH, Na

HNO₃, HN

MeOH, Me

DI Water, H₂O

None, NO

Loc: 880
20448

Comments: email results to mcarmona@carmonaresources.com and cmoehring@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	01/17/22 4:30		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-20448-1
SDG Number: Lea County, New Mexico

Login Number: 20448

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

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

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

CONDITIONS

Action 152223

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 152223
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	11/17/2022