

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Zia Hills 20 Federal Com 101H
Incident ID: NAPP2216035049
Lea County, New Mexico
Unit I Sec 20 T26S R32E
32.027478°, -103.691069°

Discolored Freshwater Mix Release
Point of Release: Third Party Trucking Company
Release Date: 05/25/2022
Volume Released: 117.337 barrels of Discolored Freshwater
Volume Recovered: 0 barrels of Discolored Freshwater

CARMONA RESOURCES



Prepared for:
ConocoPhillips
600 West Illinois Avenue,
Midland, Texas 79701

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 415
Midland, Texas 79701

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

TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 CONCLUSION

FIGURES

FIGURE 1 OVERVIEW FIGURE 2 TOPOGRAPHIC

FIGURE 3 SAMPLE LOCATION

APPENDICES

APPENDIX A TABLE

APPENDIX B PHOTOS

APPENDIX C INITIAL AND FINAL C-141

APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORTS

August 25, 2022

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

Re: Closure Report
Zia Hills 20 Federal Com 101H
ConocoPhillips
Site Location: Unit I, S20, T26S, R32E
(Lat 32.027478°, Long -103.691069°)
Lea County, New Mexico

To whom it may concern:

On behalf of ConocoPhillips Company (COP), Carmona Resources, LLC has prepared this letter to document site activities for the Zia Hills 20 Federal Com 101H. The site is located at 32.027478°, -103.691069° within Unit I, S20, T26S, R32E, 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), On May 25, 2022, a third-party truck providing dust suppression services released a discolored freshwater mix onto the pad. Approximately one hundred-seventeen point three seven (117.337) barrels of a discolored freshwater mix were released, with zero (0) barrels recovered. During emergency response activities, COG contractors took precautionary measures and immediately utilized a backhoe to scrape the pad's surface to remove any staining from the release. The impacted area is located on the pad and is shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, one known water sources is within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.42 miles Southeast of the site in S21, T26S, R32E and was drilled in 2013. The well has a reported depth to groundwater of 221.94 feet below 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: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO).
- Chloride: 20,000 mg/kg



4.0 Site Assessment Activities

On August 18, 2022, Carmona Resources was on-site to define the release horizontally and vertically. A total of four test trenches (T-1 through T-4) and six (6) horizontal sample points (H-1 through H-6) were installed to total depths ranging from surface to 2.0 ft below the surface. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain of custody protocol to Eurofins in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports containing analytical methods, results, and chain-of-custody documents are attached in Appendix E. See Figure 3 for the sample locations.

After further evaluation, no impact was on the pad, and all samples were below the regulatory limits and are summarized in Table 1.

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 ConocoPhillips Company (COP), formally requests closure of the spill. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

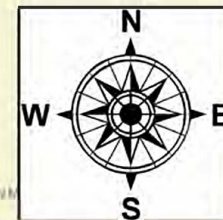
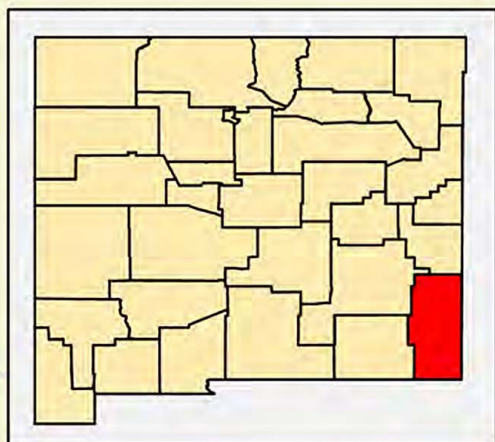
Mike Carmona
Environmental Manager

Ashton Thielke
Sr. Project Manager

FIGURES

CARMONA RESOURCES





128

UTM

Orla Rd



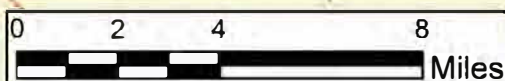
652

652

Loving

Legend

★ Site Location



Overview Map

ZIA HILLS FEDERAL COM 101
H LEA COUNTY, NEW MEXICO
32.027478, -103.691069

SCALE: As Shown

Date: 8/19/2022



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

NOTES:

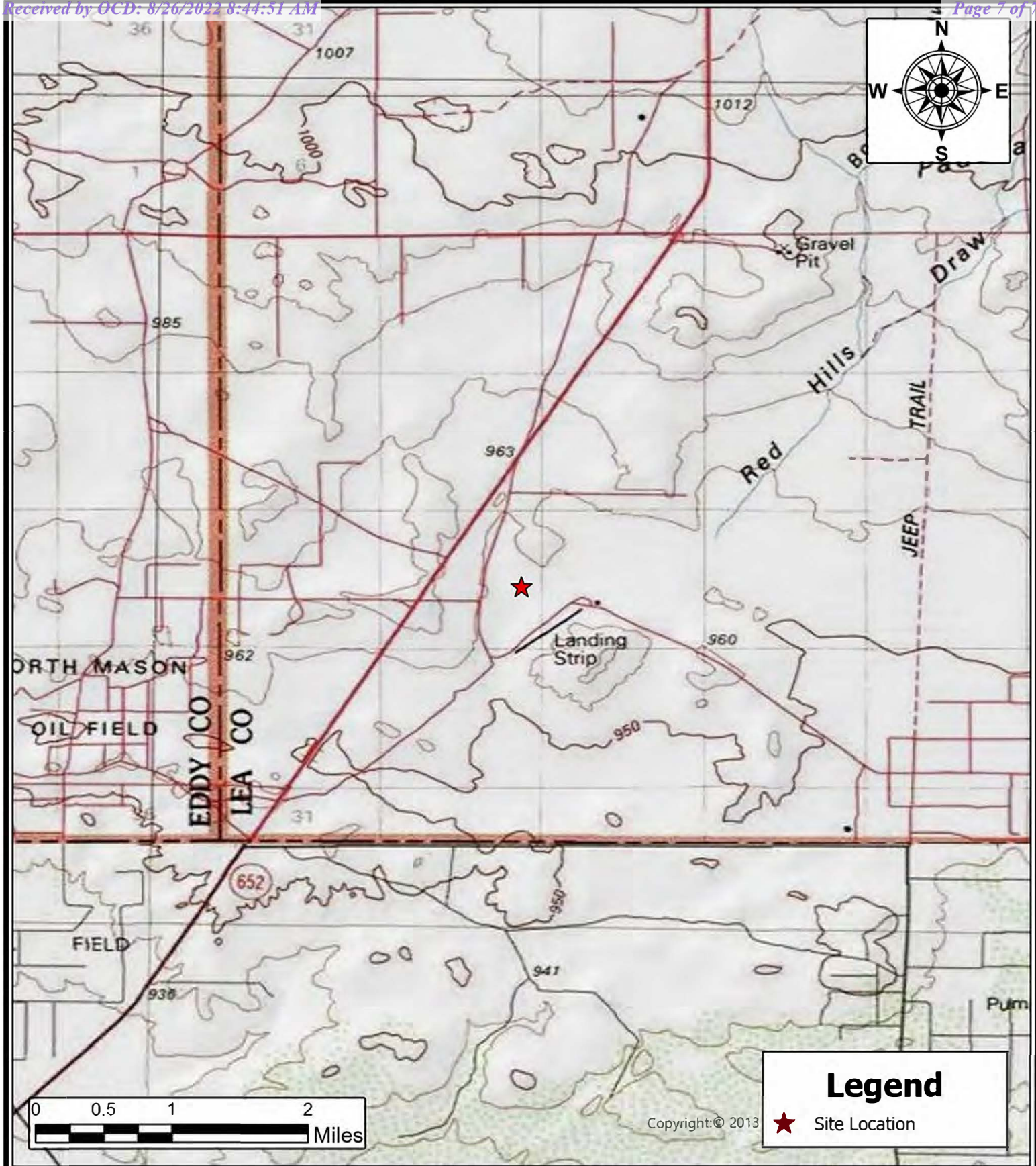
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1



TOPOGRAPHIC MAP
 ZIA HILLS FEDERAL COM 101H
 LEA COUNTY, NEW MEXICO
 32.027478, -103.691069

SCALE: As Shown

Date: 8/19/2022



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

NOTES:

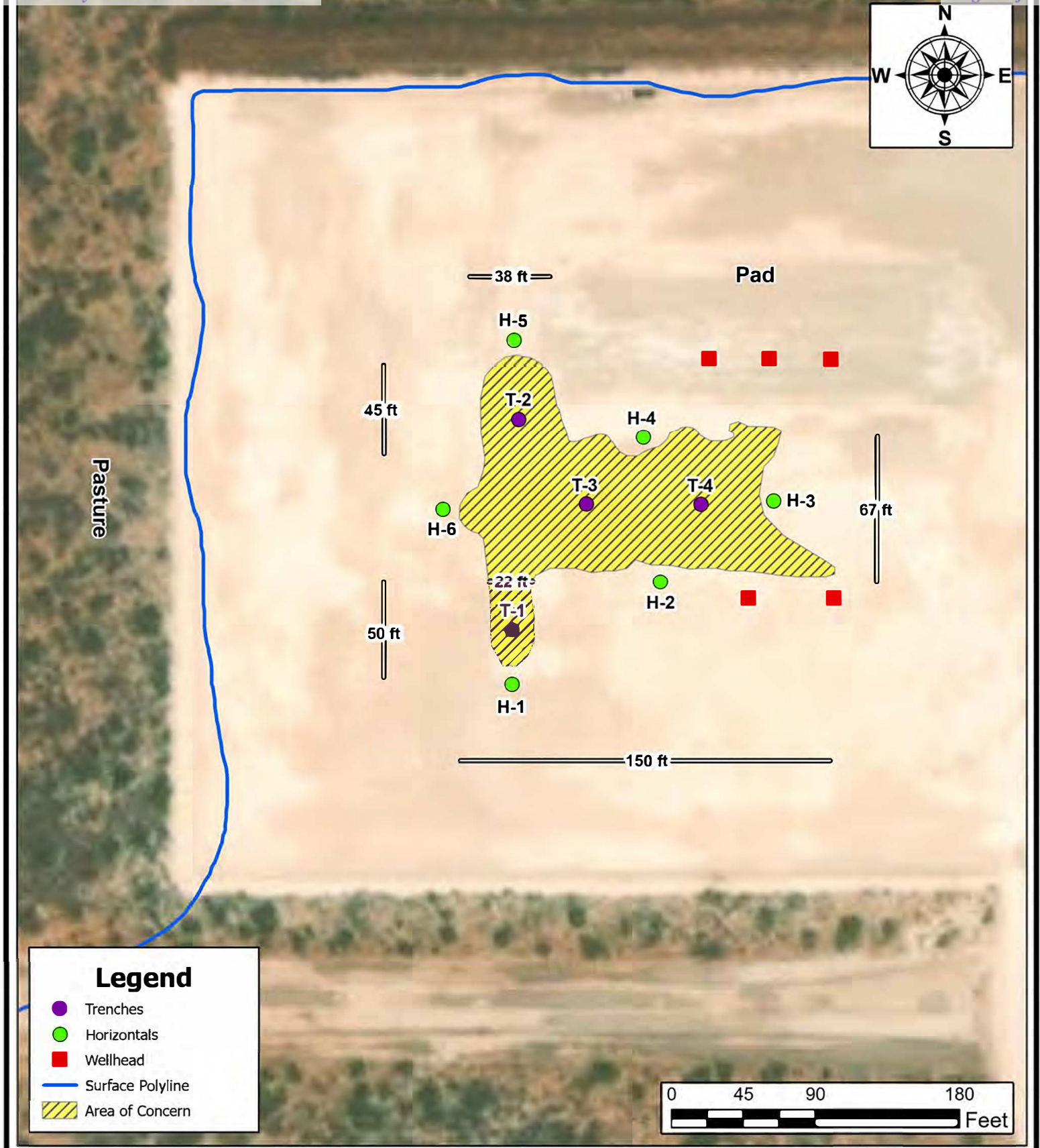
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

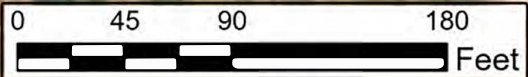
SHEET NUMBER:

1 of 1



Legend

- Trenches
- Horizontals
- Wellhead
- Surface Polyline
- Area of Concern



SAMPLE LOCATION MAP
ZIA HILLS FEDERAL COM 101H
LEA COUNTY, NEW MEXICO
32.027478, -103.691069

SCALE: As Shown Date: 8/19/2022

CARMONA RESOURCES

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

NOTES:

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

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1

APPENDIX A

CARMONA RESOURCES



Table 1
COP
Zia Hills Federal Com 101H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	8/19/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	83.6
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	13.8
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	13.7
T-2	8/19/2022	0-1	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	85.9
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	32.1
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	10.6
T-3	8/19/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	247
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	56.7
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.200	<0.200	<0.200	<0.400	<0.400	16.9
T-4	8/19/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	310
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	23.6
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	16.3
H-1	8/19/2022	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	133
H-2	8/19/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	139
H-3	8/19/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	144
H-4	8/19/2022	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	139
H-5	8/19/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	147
H-6	8/19/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	163
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(T) Trench

(H) Horizontal

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

ConocoPhillips

Photograph No. 1

Facility: Zia Hills 20 Federal Com 101H

County: Lea County, New Mexico

Description:
View West of impacted area.



Photograph No. 2

Facility: Zia Hills 20 Federal Com 101H

County: Lea County, New Mexico

Description:
View South of impacted area.

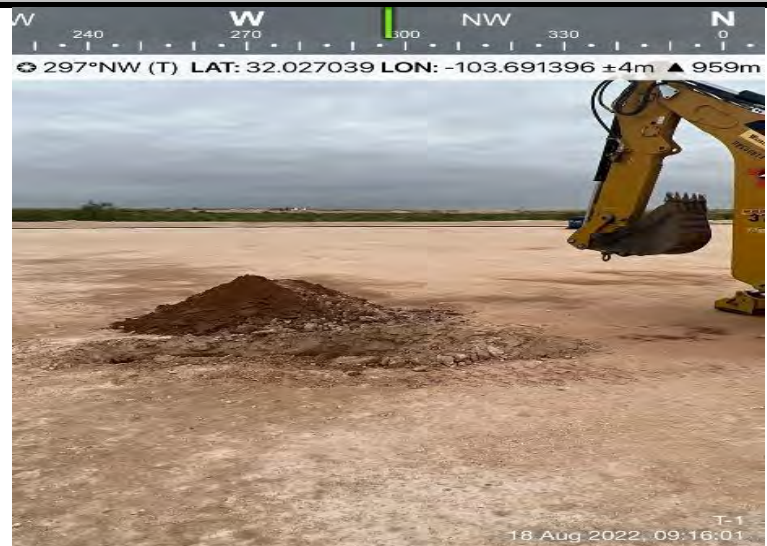


Photograph No. 3

Facility: Zia Hills 20 Federal Com 101H

County: Lea County, New Mexico

Description:
View Northwest of Trench-1.



PHOTOGRAPHIC LOG

ConocoPhillips

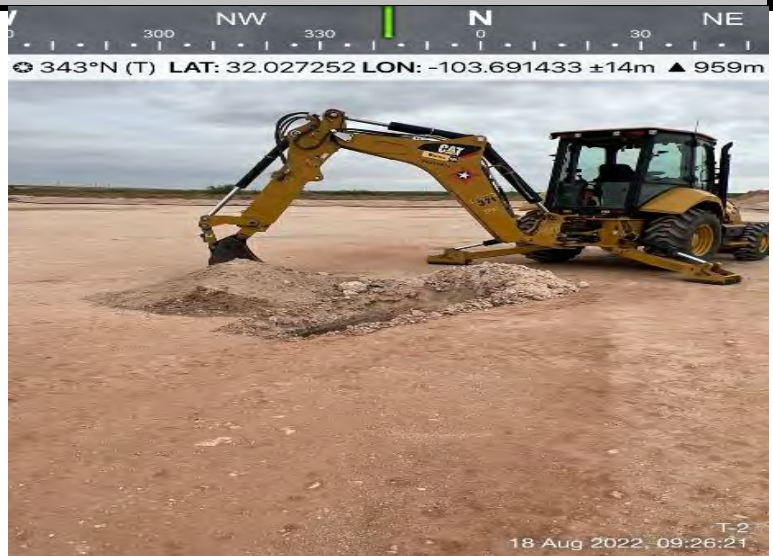
Photograph No. 4

Facility: Zia Hills 20 Federal Com 101H

County: Lea County, New Mexico

Description:

View North of Trench-2.



Photograph No. 5

Facility: Zia Hills 20 Federal Com 101H

County: Lea County, New Mexico

Description:

View Northeast of Trench-3.



Photograph No. 6

Facility: Zia Hills 20 Federal Com 101H

County: Lea County, New Mexico

Description:

View Northwest of Trench-4.



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	NAPP2216035049
District RP	
Facility ID	fAPP2129428702
Application ID	

Release Notification

Responsible Party

Responsible Party	ConocoPhillips	OGRID	217817
Contact Name	Justin Carlile	Contact Telephone	(432) 202-4112
Contact email	Justin.Carlile@ConocoPhillips.com	Incident # (assigned by OCD)	NAPP2216035049
Contact mailing address	600 West Illinois Avenue, Midland, Texas 79701		

Location of Release Source

Latitude 32.027478 Longitude -103.691069
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Zia Hills 20 Federal Com 101H	Site Type	Tank Battery
Date Release Discovered	May 25, 2022	API# (if applicable)	30-025-45719

Unit Letter	Section	Township	Range	County
I	20	26S	32E	Lea

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) Fresh Water Mix	Volume/Weight Released (provide units) 117.337 bbl	Volume/Weight Recovered (provide units) 0 bbl

Cause of Release

The release was caused by a third party truck providing dust suppression services causing an over spray..
The release was on the pad.

Evaluation will be made at the site to determine if we may commence remediation immediately or delineate any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation activities.

Incident ID	NAPP2216035049
District RP	
Facility ID	fAPP2129428702
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? Release was greater than 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Immediate notification was given by Justin Carlile on May 26, 2022 at 4:32 pm to ocd.enviro@state.nm.us and blm_nm_cfo_spill@blm.gov.	

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 Brittany N. Esparza	Title: Environmental Technician
Signature: 	Date: 6/8/2022
email: Brittany.Esparza@ConocoPhillips.com	Telephone: (432) 221-0398
<u>OCD Only</u>	
Received by: Jocelyn Harimon	Date: 06/09/2022

Page 17 of 77

NAPP2216035049

Provide any known details about the event:	Contaminated Fresh Water
--	--------------------------

Spill Calculation - On Pad Surface Pool Spill

Released to Imaging: 8/31/2022 2:07:24 PM

Total Volume Release:	117.337
-----------------------	---------

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 115378

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 115378
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	6/9/2022

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

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: 08/26/2022

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: 08/26/2022

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: 08/31/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

APPENDIX D

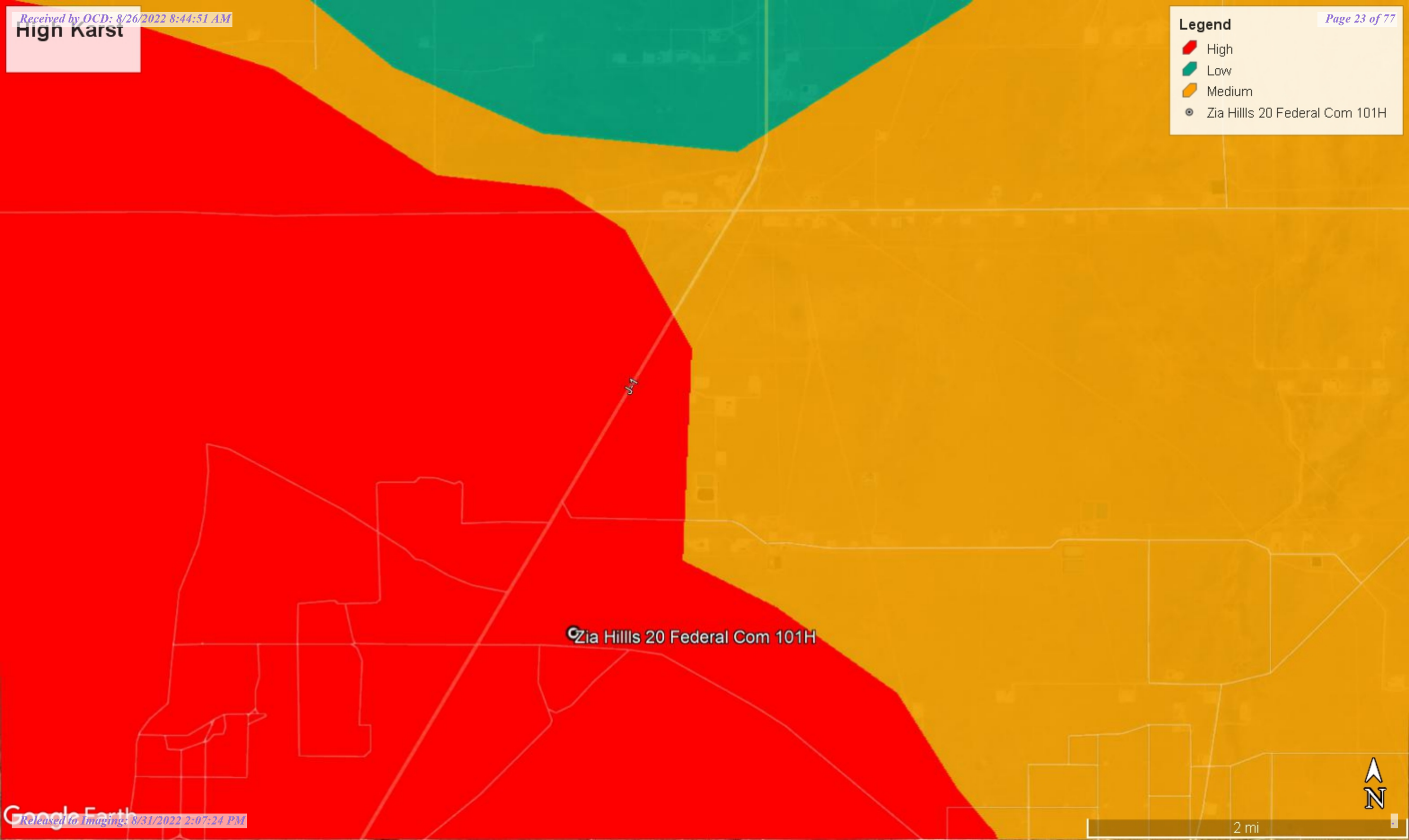
CARMONA RESOURCES



High Karst

Legend

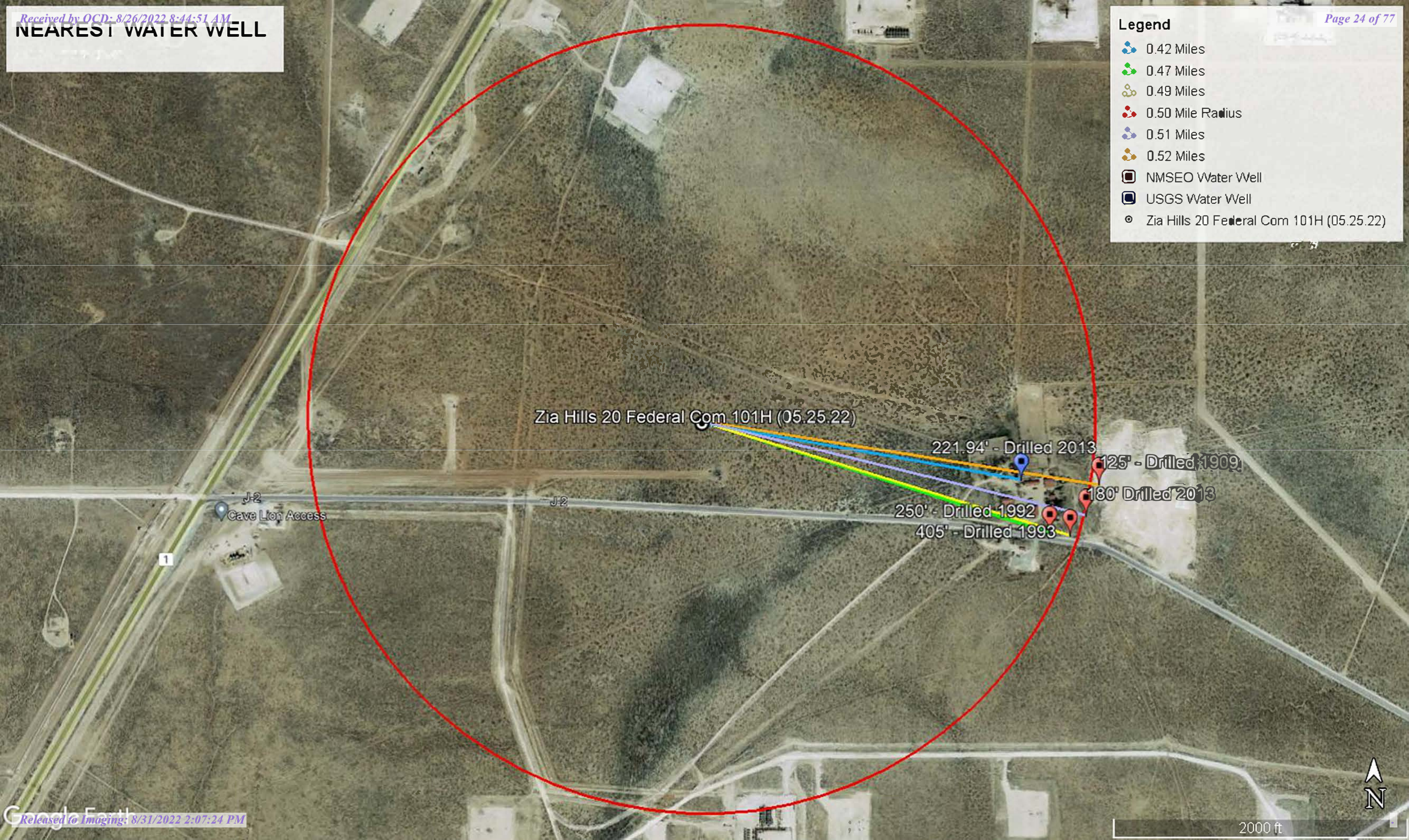
- High
- Low
- Medium
- Zia Hills 20 Federal Com 101H



NEAREST WATER WELL

Legend

- 0.42 Miles
- 0.47 Miles
- 0.49 Miles
- 0.50 Mile Radius
- 0.51 Miles
- 0.52 Miles
- NMSEO Water Well
- USGS Water Well
- Zia Hills 20 Federal Com 101H (05.25.22)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 03537 POD1	CUB	LE		3	2	3	21	26S	32E	624250	3543985	691	850		
C 02271 POD2	CUB	LE		3	2	3	21	26S	32E	624348	3544010*	776	270	250	20
C 02323	C	LE		3	2	3	21	26S	32E	624348	3544010*	776	405	405	0
C 03595 POD1	CUB	LE		4	2	3	21	26S	32E	624423	3544045	839	280	180	100
C 02271	R CUB	LE			2	3	21	26S	32E	624449	3544111*	853	150	125	25
C 02274	CUB	LE		2	1	2	31	26S	32E	621742	3541730*	3117	300	295	5

Average Depth to Water: **251 feet**

Minimum Depth: **125 feet**

Maximum Depth: **405 feet**

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 623603.38

Northing (Y): 3544230.26

Radius: 4000

*UTM location was derived from PLSS - see Help

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

8/12/22 7:00 AM

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	02271 POD2	3	2	3	21	26S	32E	624348	3544010* 				
x													
Driller License:		208		Driller Company:		VAN NOY, W.L.							
Driller Name:		W.L. VAN NOY											
Drill Start Date:		08/28/1992		Drill Finish Date:		09/09/1992		Plug Date:					
Log File Date:		10/28/1992		PCW Rcv Date:				Source:					
Pump Type:		SUBMER		Pipe Discharge Size:				Estimated Yield:					
Casing Size:		6.38		Depth Well:		270 feet		Depth Water:					
								250 feet					
x													
Water Bearing Stratifications:				Top	Bottom	Description							
				225	265	Sandstone/Gravel/Conglomerate							
x													
Casing Perforations:				Top	Bottom								
				205	265								
x													

*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.



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	02323	3	2	3	21	26S	32E	624348	3544010* 
Driller License:	1292	Driller Company:				BENTLE WATER WELL SERVICE			
Driller Name:	BENTLE, BILLY L.								
Drill Start Date:	05/25/1993	Drill Finish Date:				06/16/1993	Plug Date:		
Log File Date:	06/24/1993	PCW Rcv Date:				Source:			Shallow
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:		Depth Well:				405 feet	Depth Water:		405 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.

8/12/22 7:06 AM

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) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
C	03595 POD1	4	2	3	21	26S	32E	624423	3544045 
x									
Driller License: 1654		Driller Company:		NOT WORKING FOR HIRE--SIRMAN DRILLING AND CONSTRUC					
Driller Name:									
Drill Start Date: 09/30/2013		Drill Finish Date:		09/30/2013		Plug Date:			
Log File Date: 10/29/2013		PCW Rcv Date:						Source: Shallow	
Pump Type:		Pipe Discharge Size:						Estimated Yield:	
Casing Size: 6.00		Depth Well:		280 feet		Depth Water:		180 feet	
x									
Water Bearing Stratifications:					Top	Bottom	Description		
					160	200	Sandstone/Gravel/Conglomerate		
x									
Casing Perforations:					Top	Bottom			
					200	240			

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.

8/12/22 7:08 AM

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	02271	2	3	21	26S	32E	624449 3544111*
Driller License:		Driller Company:					
Driller Name:		UNKNOWN					
Drill Start Date:		Drill Finish Date:		12/31/1909		Plug Date:	
Log File Date:		PCW Rev Date:				Source:	
Pump Type:		Pipe Discharge Size:				Estimated Yield: 15 GPM	
Casing Size: 8.00		Depth Well:		150 feet		Depth Water: 125 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.

8/12/22 7:09 AM

POINT OF DIVERSION SUMMARY



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News 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 =

- 320134103384101

Minimum number of levels = 1

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

USGS 320134103384101 26S.32E.21.32311

Lea County, New Mexico

Latitude 32°01'35.2", Longitude 103°41'01.8" NAD83

Land-surface elevation 3,130 feet above NAVD88

The depth of the well is 405 feet below land surface.

The depth of the hole is 405 feet below land surface.

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

This well is completed in the Dockum Group (231DCKM) 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 measu
1993-06-16			D 62610		2723.41	NGVD29	1	L		
1993-06-16			D 62611		2725.00	NAVD88	1	L		
1993-06-16			D 72019	405.00			1	L		
2013-01-16	19:10 UTC		m 62610		2906.47	NGVD29	P	S	USGS	
2013-01-16	19:10 UTC		m 62611		2908.06	NAVD88	P	S	USGS	
2013-01-16	19:10 UTC		m 72019	221.94			P	S	USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet

8/12/22, 8:11 AM

Section	Code	Description
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
Status	P	Pumping
Method of measurement	L	Interpreted from geophysical logs.
Method of measurement	S	Steel-tape measurement.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

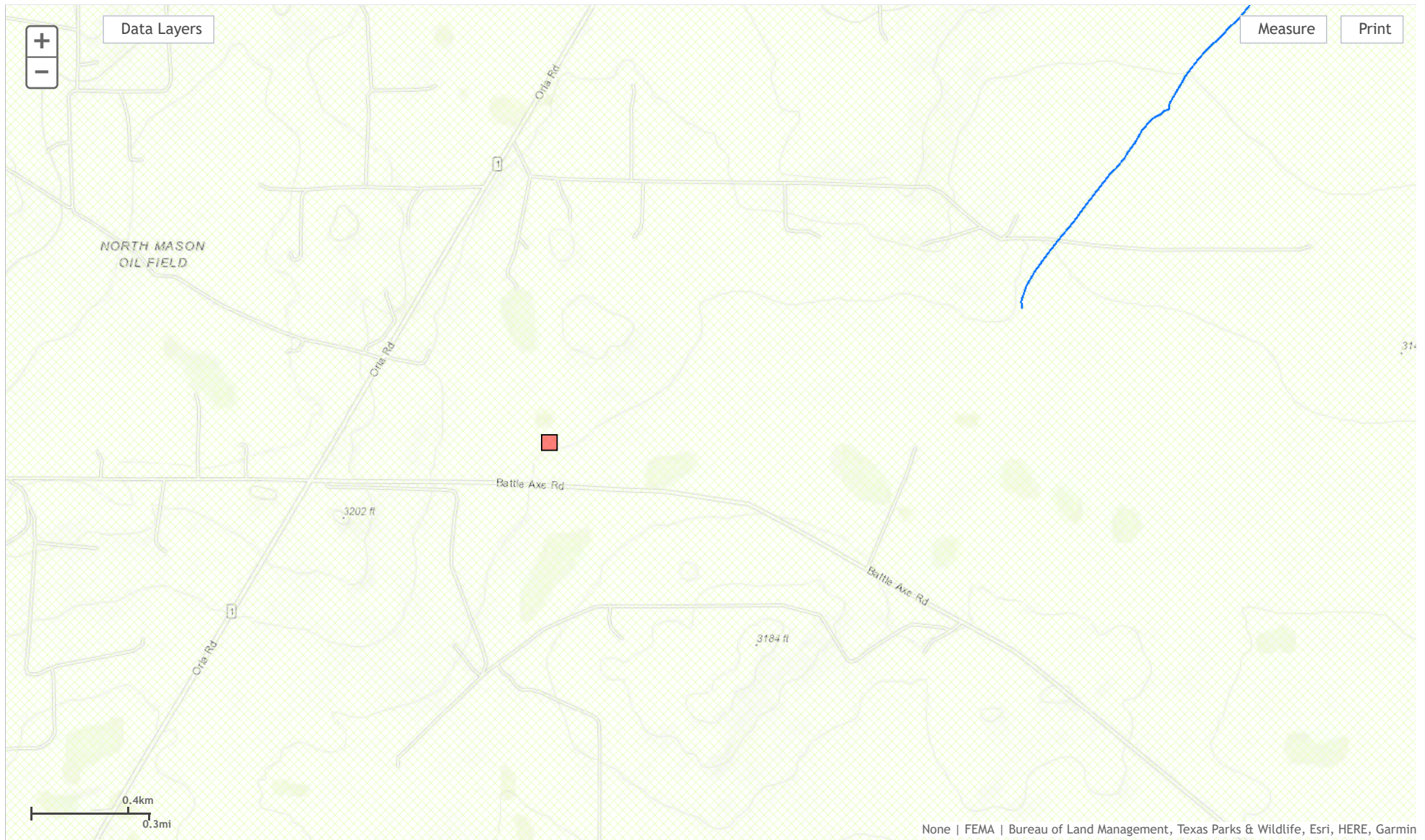
[Questions about sites/data?](#)[Feedback on this web site](#)[Automated retrievals](#)[Help](#)[Data Tips](#)[Explanation of terms](#)[Subscribe for system changes](#)[News](#)[Accessibility](#)[FOIA](#)[Privacy](#)[Policies and Notices](#)[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)**Title: Groundwater for New Mexico: Water Levels****URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>**Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2022-08-12 09:11:20 EDT

0.3 0.25 nadww01

NFHL Web Mapping Application

Please select a



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: 880-18344-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Zia Hills Federal Com 101H

For:

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

Attn: Mike Carmona

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

Authorized for release by:

8/25/2022 12:13:05 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Laboratory Job ID: 880-18344-1
SDG: Lea Co, NM

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	19
QC Sample Results	21
QC Association Summary	27
Lab Chronicle	32
Certification Summary	38
Method Summary	39
Sample Summary	40
Chain of Custody	41
Receipt Checklists	43

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

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

Case Narrative

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Job ID: 880-18344-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-18344-1**

Receipt

The samples were received on 8/19/2022 9:56 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-32546 and analytical batch 880-32557 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-1 (0-1') (880-18344-1), T-1 (1.5') (880-18344-2), T-1 (2') (880-18344-3), T-2 (0-1') (880-18344-4), T-2 (1.5') (880-18344-5), T-2 (2') (880-18344-6), T-3 (0-1') (880-18344-7), T-3 (1.5') (880-18344-8), T-3 (2') (880-18344-9), T-4 (0-1') (880-18344-10), T-4 (1.5') (880-18344-11), T-4 (2') (880-18344-12), H-1 (0-0.5') (880-18344-13), H-2 (0-0.5') (880-18344-14), (CCV 880-32557/20), (CCV 880-32557/33), (MB 880-32546/5-A) and (880-18343-A-41-F). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (CCV 880-32557/2), (LCS 880-32546/1-A) and (LCSD 880-32546/2-A). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: T-1 (2') (880-18344-3). 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: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-18344-1

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 16:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 16:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 16:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 16:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 16:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	226	S1+	70 - 130	08/19/22 19:05	08/20/22 16:10	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/19/22 19:05	08/20/22 16:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/19/22 21:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/19/22 21:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/19/22 21:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130	08/19/22 10:34	08/19/22 21:16	1
o-Terphenyl	114		70 - 130	08/19/22 10:34	08/19/22 21:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.6		4.96		mg/Kg			08/24/22 13:14	1

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-18344-2

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 16:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 16:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 16:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 16:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 16:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	220	S1+	70 - 130	08/19/22 19:05	08/20/22 16:36	1
1,4-Difluorobenzene (Surr)	107		70 - 130	08/19/22 19:05	08/20/22 16:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-18344-2

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/19/22 22:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/19/22 22:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/19/22 22:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				08/19/22 10:34	08/19/22 22:21	1
o-Terphenyl	101		70 - 130				08/19/22 10:34	08/19/22 22:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8		5.00		mg/Kg			08/24/22 13:42	1

Client Sample ID: T-1 (2')

Lab Sample ID: 880-18344-3

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 17:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 17:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 17:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 17:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 17:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 17:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				08/19/22 19:05	08/20/22 17:02	1
1,4-Difluorobenzene (Surr)	88		70 - 130				08/19/22 19:05	08/20/22 17:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/19/22 22:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/19/22 22:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Client Sample ID: T-1 (2')

Lab Sample ID: 880-18344-3

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/19/22 22:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				08/19/22 10:34	08/19/22 22:43	1
o-Terphenyl	113		70 - 130				08/19/22 10:34	08/19/22 22:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.7		4.99		mg/Kg			08/24/22 13:51	1

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-18344-4

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 17:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 17:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 17:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 17:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 17:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	180	S1+	70 - 130				08/19/22 19:05	08/20/22 17:28	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/19/22 19:05	08/20/22 17:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/22 10:34	08/19/22 23:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/22 10:34	08/19/22 23:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/22 10:34	08/19/22 23:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/19/22 10:34	08/19/22 23:04	1
o-Terphenyl	95		70 - 130				08/19/22 10:34	08/19/22 23:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.9		4.97		mg/Kg			08/24/22 14:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-18344-5

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 19:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 19:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 19:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 19:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 19:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	201	S1+	70 - 130	08/19/22 19:05	08/20/22 19:15	1
1,4-Difluorobenzene (Surr)	78		70 - 130	08/19/22 19:05	08/20/22 19:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/19/22 23:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/19/22 23:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/19/22 23:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	08/19/22 10:34	08/19/22 23:26	1
o-Terphenyl	107		70 - 130	08/19/22 10:34	08/19/22 23:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.1		5.02		mg/Kg			08/24/22 14:10	1

Client Sample ID: T-2 (2')

Lab Sample ID: 880-18344-6

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 19:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 19:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 19:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 19:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 19:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 19:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	174	S1+	70 - 130	08/19/22 19:05	08/20/22 19:42	1
1,4-Difluorobenzene (Surr)	104		70 - 130	08/19/22 19:05	08/20/22 19:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Client Sample ID: T-2 (2')

Lab Sample ID: 880-18344-6

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/19/22 23:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/19/22 23:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/19/22 23:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				08/19/22 10:34	08/19/22 23:48	1
o-Terphenyl	101		70 - 130				08/19/22 10:34	08/19/22 23:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.6		4.99		mg/Kg			08/24/22 14:38	1

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-18344-7

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 20:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 20:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 20:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 20:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 20:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 20:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	188	S1+	70 - 130				08/19/22 19:05	08/20/22 20:09	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/19/22 19:05	08/20/22 20:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/20/22 00:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/20/22 00:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-18344-7

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/20/22 00:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				08/19/22 10:34	08/20/22 00:10	1
o-Terphenyl	112		70 - 130				08/19/22 10:34	08/20/22 00:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	247		4.95		mg/Kg			08/24/22 14:47	1

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-18344-8

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 20:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 20:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 20:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 20:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 20:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 20:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	201	S1+	70 - 130				08/19/22 19:05	08/20/22 20:36	1
1,4-Difluorobenzene (Surr)	110		70 - 130				08/19/22 19:05	08/20/22 20:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 00:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 00:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 00:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				08/19/22 10:34	08/20/22 00:31	1
o-Terphenyl	106		70 - 130				08/19/22 10:34	08/20/22 00:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.7		5.00		mg/Kg			08/24/22 14:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Client Sample ID: T-3 (2')

Lab Sample ID: 880-18344-9

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.200	U	0.200		mg/Kg		08/19/22 19:05	08/20/22 21:03	1
Toluene	<0.200	U	0.200		mg/Kg		08/19/22 19:05	08/20/22 21:03	1
Ethylbenzene	<0.200	U	0.200		mg/Kg		08/19/22 19:05	08/20/22 21:03	1
m-Xylene & p-Xylene	<0.400	U	0.400		mg/Kg		08/19/22 19:05	08/20/22 21:03	1
o-Xylene	<0.200	U	0.200		mg/Kg		08/19/22 19:05	08/20/22 21:03	1
Xylenes, Total	<0.400	U	0.400		mg/Kg		08/19/22 19:05	08/20/22 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	192	S1+	70 - 130	08/19/22 19:05	08/20/22 21:03	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/19/22 19:05	08/20/22 21:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.400	U	0.400		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 00:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 00:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 00:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	08/19/22 10:34	08/20/22 00:53	1
o-Terphenyl	100		70 - 130	08/19/22 10:34	08/20/22 00:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.9		4.96		mg/Kg			08/24/22 15:05	1

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-18344-10

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 21:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 21:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 21:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 21:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 21:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 21:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	200	S1+	70 - 130	08/19/22 19:05	08/20/22 21:30	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/19/22 19:05	08/20/22 21:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-18344-10

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 01:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 01:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 01:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				08/19/22 10:34	08/20/22 01:14	1
o-Terphenyl	107		70 - 130				08/19/22 10:34	08/20/22 01:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	310		5.05		mg/Kg			08/24/22 15:14	1

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-18344-11

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 21:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 21:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 21:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 21:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 21:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 21:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	200	S1+	70 - 130				08/19/22 19:05	08/20/22 21:57	1
1,4-Difluorobenzene (Surr)	108		70 - 130				08/19/22 19:05	08/20/22 21:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 01:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 01:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-18344-11

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 01:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/19/22 10:34	08/20/22 01:58	1
o-Terphenyl	96		70 - 130				08/19/22 10:34	08/20/22 01:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.6		4.98		mg/Kg			08/24/22 15:24	1

Client Sample ID: T-4 (2')

Lab Sample ID: 880-18344-12

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 22:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 22:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 22:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 22:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 22:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 22:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	207	S1+	70 - 130				08/19/22 19:05	08/20/22 22:23	1
1,4-Difluorobenzene (Surr)	93		70 - 130				08/19/22 19:05	08/20/22 22:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/20/22 02:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/20/22 02:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/20/22 02:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				08/19/22 10:34	08/20/22 02:19	1
o-Terphenyl	117		70 - 130				08/19/22 10:34	08/20/22 02:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.3		4.96		mg/Kg			08/24/22 15:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-18344-13

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 22:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 22:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 22:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 22:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 22:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 22:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	195	S1+	70 - 130	08/19/22 19:05	08/20/22 22:49	1
1,4-Difluorobenzene (Surr)	94		70 - 130	08/19/22 19:05	08/20/22 22:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/22 10:34	08/20/22 02:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/22 10:34	08/20/22 02:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/22 10:34	08/20/22 02:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	08/19/22 10:34	08/20/22 02:41	1
o-Terphenyl	97		70 - 130	08/19/22 10:34	08/20/22 02:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		4.98		mg/Kg			08/24/22 16:00	1

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

Lab Sample ID: 880-18344-14

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 23:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 23:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 23:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 23:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 23:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 23:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	217	S1+	70 - 130	08/19/22 19:05	08/20/22 23:14	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/19/22 19:05	08/20/22 23:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-18344-14

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/20/22 03:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/20/22 03:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/20/22 03:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/19/22 10:34	08/20/22 03:03	1
o-Terphenyl	91		70 - 130				08/19/22 10:34	08/20/22 03:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		5.02		mg/Kg			08/24/22 16:28	1

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

Lab Sample ID: 880-18344-15

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 21:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 21:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 21:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/20/22 11:38	08/21/22 21:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 21:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/20/22 11:38	08/21/22 21:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				08/20/22 11:38	08/21/22 21:57	1
1,4-Difluorobenzene (Surr)	111		70 - 130				08/20/22 11:38	08/21/22 21:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 03:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 03:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-18344-15

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/20/22 03:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				08/19/22 10:34	08/20/22 03:25	1
o-Terphenyl	109		70 - 130				08/19/22 10:34	08/20/22 03:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	144		4.97		mg/Kg			08/24/22 16:37	1

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

Lab Sample ID: 880-18344-16

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 22:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 22:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 22:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/20/22 11:38	08/21/22 22:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 22:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/20/22 11:38	08/21/22 22:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				08/20/22 11:38	08/21/22 22:17	1
1,4-Difluorobenzene (Surr)	92		70 - 130				08/20/22 11:38	08/21/22 22:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/22 10:34	08/20/22 03:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/22 10:34	08/20/22 03:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/22 10:34	08/20/22 03:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				08/19/22 10:34	08/20/22 03:46	1
o-Terphenyl	104		70 - 130				08/19/22 10:34	08/20/22 03:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		4.99		mg/Kg			08/24/22 16:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-18344-17

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 22:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 22:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 22:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/20/22 11:38	08/21/22 22:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 22:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/20/22 11:38	08/21/22 22:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	08/20/22 11:38	08/21/22 22:38	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/20/22 11:38	08/21/22 22:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/20/22 04:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/20/22 04:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/20/22 04:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	08/19/22 10:34	08/20/22 04:08	1
o-Terphenyl	94		70 - 130	08/19/22 10:34	08/20/22 04:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		4.98		mg/Kg			08/24/22 16:56	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-18344-18

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 22:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 22:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 22:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/20/22 11:38	08/21/22 22:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/20/22 11:38	08/21/22 22:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/20/22 11:38	08/21/22 22:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	08/20/22 11:38	08/21/22 22:58	1
1,4-Difluorobenzene (Surr)	119		70 - 130	08/20/22 11:38	08/21/22 22:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-18344-18

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/22/22 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/22/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/20/22 04:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/20/22 04:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/22 10:34	08/20/22 04:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				08/19/22 10:34	08/20/22 04:30	1
o-Terphenyl	91		70 - 130				08/19/22 10:34	08/20/22 04:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	163		5.00		mg/Kg			08/24/22 17:05	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-18343-A-41-D MS	Matrix Spike	151 S1+	91
880-18343-A-41-E MSD	Matrix Spike Duplicate	135 S1+	97
880-18344-1	T-1 (0-1')	226 S1+	98
880-18344-2	T-1 (1.5')	220 S1+	107
880-18344-3	T-1 (2')	193 S1+	88
880-18344-4	T-2 (0-1')	180 S1+	97
880-18344-5	T-2 (1.5')	201 S1+	78
880-18344-6	T-2 (2')	174 S1+	104
880-18344-7	T-3 (0-1')	188 S1+	100
880-18344-8	T-3 (1.5')	201 S1+	110
880-18344-9	T-3 (2')	192 S1+	95
880-18344-10	T-4 (0-1')	200 S1+	103
880-18344-11	T-4 (1.5')	200 S1+	108
880-18344-12	T-4 (2')	207 S1+	93
880-18344-13	H-1 (0-0.5')	195 S1+	94
880-18344-14	H-2 (0-0.5')	217 S1+	99
880-18344-15	H-3 (0-0.5')	84	111
880-18344-16	H-4 (0-0.5')	96	92
880-18344-17	H-5 (0-0.5')	89	97
880-18344-18	H-6 (0-0.5')	74	119
880-18370-A-1-E MS	Matrix Spike	106	103
880-18370-A-1-F MSD	Matrix Spike Duplicate	89	107
LCS 880-32546/1-A	Lab Control Sample	169 S1+	88
LCS 880-32563/1-A	Lab Control Sample	99	100
LCSD 880-32546/2-A	Lab Control Sample Dup	172 S1+	95
LCSD 880-32563/2-A	Lab Control Sample Dup	104	92
MB 880-32546/5-A	Method Blank	137 S1+	70
MB 880-32563/5-A	Method Blank	79	116
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-18344-1	T-1 (0-1')	127	114
880-18344-1 MS	T-1 (0-1')	106	95
880-18344-1 MSD	T-1 (0-1')	97	85
880-18344-2	T-1 (1.5')	114	101
880-18344-3	T-1 (2')	132 S1+	113
880-18344-4	T-2 (0-1')	108	95
880-18344-5	T-2 (1.5')	117	107
880-18344-6	T-2 (2')	114	101
880-18344-7	T-3 (0-1')	125	112
880-18344-8	T-3 (1.5')	119	106
880-18344-9	T-3 (2')	111	100

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

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)
880-18344-10	T-4 (0-1')	121	107
880-18344-11	T-4 (1.5')	108	96
880-18344-12	T-4 (2')	128	117
880-18344-13	H-1 (0-0.5')	109	97
880-18344-14	H-2 (0-0.5')	105	91
880-18344-15	H-3 (0-0.5')	125	109
880-18344-16	H-4 (0-0.5')	121	104
880-18344-17	H-5 (0-0.5')	109	94
880-18344-18	H-6 (0-0.5')	103	91
LCS 880-32495/2-A	Lab Control Sample	114	103
LCSD 880-32495/3-A	Lab Control Sample Dup	116	103
MB 880-32495/1-A	Method Blank	113	107

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-32546/5-A

Matrix: Solid

Analysis Batch: 32557

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32546

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 13:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 13:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 13:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 13:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/22 19:05	08/20/22 13:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/22 19:05	08/20/22 13:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	08/19/22 19:05	08/20/22 13:06	1
1,4-Difluorobenzene (Surr)	70		70 - 130	08/19/22 19:05	08/20/22 13:06	1

Lab Sample ID: LCS 880-32546/1-A

Matrix: Solid

Analysis Batch: 32557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32546

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1122		mg/Kg		112	70 - 130
Toluene	0.100	0.1076		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1111		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	0.200	0.2195		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1104		mg/Kg		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: LCSD 880-32546/2-A

Matrix: Solid

Analysis Batch: 32557

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32546

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1101		mg/Kg		110	70 - 130	2	35
Toluene	0.100	0.1109		mg/Kg		111	70 - 130	3	35
Ethylbenzene	0.100	0.1157		mg/Kg		116	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2325		mg/Kg		116	70 - 130	6	35
o-Xylene	0.100	0.1143		mg/Kg		114	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	172	S1+	70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-18343-A-41-D MS

Matrix: Solid

Analysis Batch: 32557

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32546

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.0998	0.06586	F1	mg/Kg		66	70 - 130
Toluene	<0.00200	U F1	0.0998	0.06287	F1	mg/Kg		63	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-18343-A-41-D MS

Matrix: Solid

Analysis Batch: 32557

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32546

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.0998	0.06376	F1	mg/Kg		64	70 - 130
m-Xylene & p-Xylene	<0.00400	U F1	0.200	0.1242	F1	mg/Kg		62	70 - 130
o-Xylene	<0.00200	U F1	0.0998	0.06236	F1	mg/Kg		62	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-18343-A-41-E MSD

Matrix: Solid

Analysis Batch: 32557

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32546

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0996	0.05278	F1	mg/Kg		53	70 - 130	22	35
Toluene	<0.00200	U F1	0.0996	0.04927	F1	mg/Kg		49	70 - 130	24	35
Ethylbenzene	<0.00200	U F1	0.0996	0.04714	F1	mg/Kg		47	70 - 130	30	35
m-Xylene & p-Xylene	<0.00400	U F1	0.199	0.09242	F1	mg/Kg		46	70 - 130	29	35
o-Xylene	<0.00200	U F1	0.0996	0.04828	F1	mg/Kg		48	70 - 130	25	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-32563/5-A

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32563

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 15:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 15:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 15:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/20/22 11:38	08/21/22 15:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/22 11:38	08/21/22 15:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/20/22 11:38	08/21/22 15:32	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	08/20/22 11:38	08/21/22 15:32	1
1,4-Difluorobenzene (Surr)	116		70 - 130	08/20/22 11:38	08/21/22 15:32	1

Lab Sample ID: LCS 880-32563/1-A

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09971		mg/Kg		100	70 - 130
Toluene	0.100	0.1070		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1078		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2024		mg/Kg		101	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-32563/1-A

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1067		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-32563/2-A

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32563

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09285		mg/Kg		93	70 - 130	7	35
Toluene	0.100	0.1090		mg/Kg		109	70 - 130	2	35
Ethylbenzene	0.100	0.1124		mg/Kg		112	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2130		mg/Kg		107	70 - 130	5	35
o-Xylene	0.100	0.1138		mg/Kg		114	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 880-18370-A-1-E MS

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32563

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.1048		mg/Kg		105	70 - 130
Toluene	<0.00202	U	0.100	0.1118		mg/Kg		112	70 - 130
Ethylbenzene	<0.00202	U	0.100	0.1133		mg/Kg		113	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.200	0.2117		mg/Kg		106	70 - 130
o-Xylene	<0.00202	U	0.100	0.1129		mg/Kg		113	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-18370-A-1-F MSD

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32563

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0998	0.1101		mg/Kg		110	70 - 130	5	35
Toluene	<0.00202	U	0.0998	0.09787		mg/Kg		98	70 - 130	13	35
Ethylbenzene	<0.00202	U	0.0998	0.09376		mg/Kg		94	70 - 130	19	35
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1707		mg/Kg		86	70 - 130	21	35
o-Xylene	<0.00202	U	0.0998	0.09050		mg/Kg		91	70 - 130	22	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-18370-A-1-F MSD

Matrix: Solid

Analysis Batch: 32572

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32563

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

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

Lab Sample ID: MB 880-32495/1-A

Matrix: Solid

Analysis Batch: 32462

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32495

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/19/22 20:12	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/19/22 20:12	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/22 10:34	08/19/22 20:12	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	113		70 - 130				08/19/22 10:34	08/19/22 20:12	1	
o-Terphenyl	107		70 - 130				08/19/22 10:34	08/19/22 20:12	1	

Lab Sample ID: LCS 880-32495/2-A

Matrix: Solid

Analysis Batch: 32462

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32495

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	910.6		mg/Kg		91	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	971.0		mg/Kg		97	70 - 130			
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	114		70 - 130							
o-Terphenyl	103		70 - 130							

Lab Sample ID: LCSD 880-32495/3-A

Matrix: Solid

Analysis Batch: 32462

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32495

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	944.5		mg/Kg		94	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)	1000	978.0		mg/Kg		98	70 - 130	1	20	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	116		70 - 130							
o-Terphenyl	103		70 - 130							

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-18344-1 MS

Matrix: Solid

Analysis Batch: 32462

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 32495

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	1229		mg/Kg		119	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1276		mg/Kg		128	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	106		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: 880-18344-1 MSD

Matrix: Solid

Analysis Batch: 32462

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 32495

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	998	1140		mg/Kg		111	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1153		mg/Kg		116	70 - 130	10	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	97		70 - 130								
o-Terphenyl	85		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-32499/1-A

Matrix: Solid

Analysis Batch: 32763

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			08/24/22 12:47	1

Lab Sample ID: LCS 880-32499/2-A

Matrix: Solid

Analysis Batch: 32763

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.3		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-32499/3-A

Matrix: Solid

Analysis Batch: 32763

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	246.1		mg/Kg		98	90 - 110	3	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-18344-1 MS

Matrix: Solid

Analysis Batch: 32763

Client Sample ID: T-1 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	83.6		248	323.0		mg/Kg		97	90 - 110		

Lab Sample ID: 880-18344-1 MSD

Matrix: Solid

Analysis Batch: 32763

Client Sample ID: T-1 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	83.6		248	323.2		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-18344-11 MS

Matrix: Solid

Analysis Batch: 32763

Client Sample ID: T-4 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	23.6		249	274.9		mg/Kg		101	90 - 110		

QC Association Summary

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 32546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18344-1	T-1 (0-1')	Total/NA	Solid	5035	
880-18344-2	T-1 (1.5')	Total/NA	Solid	5035	
880-18344-3	T-1 (2')	Total/NA	Solid	5035	
880-18344-4	T-2 (0-1')	Total/NA	Solid	5035	
880-18344-5	T-2 (1.5')	Total/NA	Solid	5035	
880-18344-6	T-2 (2')	Total/NA	Solid	5035	
880-18344-7	T-3 (0-1')	Total/NA	Solid	5035	
880-18344-8	T-3 (1.5')	Total/NA	Solid	5035	
880-18344-9	T-3 (2')	Total/NA	Solid	5035	
880-18344-10	T-4 (0-1')	Total/NA	Solid	5035	
880-18344-11	T-4 (1.5')	Total/NA	Solid	5035	
880-18344-12	T-4 (2')	Total/NA	Solid	5035	
880-18344-13	H-1 (0-0.5')	Total/NA	Solid	5035	
880-18344-14	H-2 (0-0.5')	Total/NA	Solid	5035	
MB 880-32546/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32546/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32546/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18343-A-41-D MS	Matrix Spike	Total/NA	Solid	5035	
880-18343-A-41-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 32557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18344-1	T-1 (0-1')	Total/NA	Solid	8021B	32546
880-18344-2	T-1 (1.5')	Total/NA	Solid	8021B	32546
880-18344-3	T-1 (2')	Total/NA	Solid	8021B	32546
880-18344-4	T-2 (0-1')	Total/NA	Solid	8021B	32546
880-18344-5	T-2 (1.5')	Total/NA	Solid	8021B	32546
880-18344-6	T-2 (2')	Total/NA	Solid	8021B	32546
880-18344-7	T-3 (0-1')	Total/NA	Solid	8021B	32546
880-18344-8	T-3 (1.5')	Total/NA	Solid	8021B	32546
880-18344-9	T-3 (2')	Total/NA	Solid	8021B	32546
880-18344-10	T-4 (0-1')	Total/NA	Solid	8021B	32546
880-18344-11	T-4 (1.5')	Total/NA	Solid	8021B	32546
880-18344-12	T-4 (2')	Total/NA	Solid	8021B	32546
880-18344-13	H-1 (0-0.5')	Total/NA	Solid	8021B	32546
880-18344-14	H-2 (0-0.5')	Total/NA	Solid	8021B	32546
MB 880-32546/5-A	Method Blank	Total/NA	Solid	8021B	32546
LCS 880-32546/1-A	Lab Control Sample	Total/NA	Solid	8021B	32546
LCSD 880-32546/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32546
880-18343-A-41-D MS	Matrix Spike	Total/NA	Solid	8021B	32546
880-18343-A-41-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	32546

Prep Batch: 32563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18344-15	H-3 (0-0.5')	Total/NA	Solid	5035	
880-18344-16	H-4 (0-0.5')	Total/NA	Solid	5035	
880-18344-17	H-5 (0-0.5')	Total/NA	Solid	5035	
880-18344-18	H-6 (0-0.5')	Total/NA	Solid	5035	
MB 880-32563/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32563/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32563/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

GC VOA (Continued)

Prep Batch: 32563 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18370-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-18370-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 32572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18344-15	H-3 (0-0.5')	Total/NA	Solid	8021B	32563
880-18344-16	H-4 (0-0.5')	Total/NA	Solid	8021B	32563
880-18344-17	H-5 (0-0.5')	Total/NA	Solid	8021B	32563
880-18344-18	H-6 (0-0.5')	Total/NA	Solid	8021B	32563
MB 880-32563/5-A	Method Blank	Total/NA	Solid	8021B	32563
LCS 880-32563/1-A	Lab Control Sample	Total/NA	Solid	8021B	32563
LCSD 880-32563/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32563
880-18370-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	32563
880-18370-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	32563

Analysis Batch: 32596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18344-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-18344-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	
880-18344-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-18344-4	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-18344-5	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-18344-6	T-2 (2')	Total/NA	Solid	Total BTEX	
880-18344-7	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-18344-8	T-3 (1.5')	Total/NA	Solid	Total BTEX	
880-18344-9	T-3 (2')	Total/NA	Solid	Total BTEX	
880-18344-10	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-18344-11	T-4 (1.5')	Total/NA	Solid	Total BTEX	
880-18344-12	T-4 (2')	Total/NA	Solid	Total BTEX	
880-18344-13	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-18344-14	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-18344-15	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-18344-16	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-18344-17	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-18344-18	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 32462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18344-1	T-1 (0-1')	Total/NA	Solid	8015B NM	32495
880-18344-2	T-1 (1.5')	Total/NA	Solid	8015B NM	32495
880-18344-3	T-1 (2')	Total/NA	Solid	8015B NM	32495
880-18344-4	T-2 (0-1')	Total/NA	Solid	8015B NM	32495
880-18344-5	T-2 (1.5')	Total/NA	Solid	8015B NM	32495
880-18344-6	T-2 (2')	Total/NA	Solid	8015B NM	32495
880-18344-7	T-3 (0-1')	Total/NA	Solid	8015B NM	32495
880-18344-8	T-3 (1.5')	Total/NA	Solid	8015B NM	32495
880-18344-9	T-3 (2')	Total/NA	Solid	8015B NM	32495
880-18344-10	T-4 (0-1')	Total/NA	Solid	8015B NM	32495
880-18344-11	T-4 (1.5')	Total/NA	Solid	8015B NM	32495

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 32462 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18344-12	T-4 (2')	Total/NA	Solid	8015B NM	32495
880-18344-13	H-1 (0-0.5')	Total/NA	Solid	8015B NM	32495
880-18344-14	H-2 (0-0.5')	Total/NA	Solid	8015B NM	32495
880-18344-15	H-3 (0-0.5')	Total/NA	Solid	8015B NM	32495
880-18344-16	H-4 (0-0.5')	Total/NA	Solid	8015B NM	32495
880-18344-17	H-5 (0-0.5')	Total/NA	Solid	8015B NM	32495
880-18344-18	H-6 (0-0.5')	Total/NA	Solid	8015B NM	32495
MB 880-32495/1-A	Method Blank	Total/NA	Solid	8015B NM	32495
LCS 880-32495/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32495
LCSD 880-32495/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32495
880-18344-1 MS	T-1 (0-1')	Total/NA	Solid	8015B NM	32495
880-18344-1 MSD	T-1 (0-1')	Total/NA	Solid	8015B NM	32495

Prep Batch: 32495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18344-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-18344-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-18344-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-18344-4	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-18344-5	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-18344-6	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-18344-7	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-18344-8	T-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-18344-9	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-18344-10	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-18344-11	T-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-18344-12	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-18344-13	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-18344-14	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-18344-15	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-18344-16	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-18344-17	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-18344-18	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-32495/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32495/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32495/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18344-1 MS	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-18344-1 MSD	T-1 (0-1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 32650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18344-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-18344-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-18344-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-18344-4	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-18344-5	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-18344-6	T-2 (2')	Total/NA	Solid	8015 NM	
880-18344-7	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-18344-8	T-3 (1.5')	Total/NA	Solid	8015 NM	
880-18344-9	T-3 (2')	Total/NA	Solid	8015 NM	
880-18344-10	T-4 (0-1')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 32650 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18344-11	T-4 (1.5')	Total/NA	Solid	8015 NM	
880-18344-12	T-4 (2')	Total/NA	Solid	8015 NM	
880-18344-13	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-18344-14	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-18344-15	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-18344-16	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-18344-17	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-18344-18	H-6 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 32499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18344-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-18344-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-18344-3	T-1 (2')	Soluble	Solid	DI Leach	
880-18344-4	T-2 (0-1')	Soluble	Solid	DI Leach	
880-18344-5	T-2 (1.5')	Soluble	Solid	DI Leach	
880-18344-6	T-2 (2')	Soluble	Solid	DI Leach	
880-18344-7	T-3 (0-1')	Soluble	Solid	DI Leach	
880-18344-8	T-3 (1.5')	Soluble	Solid	DI Leach	
880-18344-9	T-3 (2')	Soluble	Solid	DI Leach	
880-18344-10	T-4 (0-1')	Soluble	Solid	DI Leach	
880-18344-11	T-4 (1.5')	Soluble	Solid	DI Leach	
880-18344-12	T-4 (2')	Soluble	Solid	DI Leach	
880-18344-13	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-18344-14	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-18344-15	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-18344-16	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-18344-17	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-18344-18	H-6 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-32499/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32499/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32499/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18344-1 MS	T-1 (0-1')	Soluble	Solid	DI Leach	
880-18344-1 MSD	T-1 (0-1')	Soluble	Solid	DI Leach	
880-18344-11 MS	T-4 (1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 32763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18344-1	T-1 (0-1')	Soluble	Solid	300.0	32499
880-18344-2	T-1 (1.5')	Soluble	Solid	300.0	32499
880-18344-3	T-1 (2')	Soluble	Solid	300.0	32499
880-18344-4	T-2 (0-1')	Soluble	Solid	300.0	32499
880-18344-5	T-2 (1.5')	Soluble	Solid	300.0	32499
880-18344-6	T-2 (2')	Soluble	Solid	300.0	32499
880-18344-7	T-3 (0-1')	Soluble	Solid	300.0	32499
880-18344-8	T-3 (1.5')	Soluble	Solid	300.0	32499
880-18344-9	T-3 (2')	Soluble	Solid	300.0	32499
880-18344-10	T-4 (0-1')	Soluble	Solid	300.0	32499
880-18344-11	T-4 (1.5')	Soluble	Solid	300.0	32499

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 32763 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18344-12	T-4 (2')	Soluble	Solid	300.0	32499
880-18344-13	H-1 (0-0.5')	Soluble	Solid	300.0	32499
880-18344-14	H-2 (0-0.5')	Soluble	Solid	300.0	32499
880-18344-15	H-3 (0-0.5')	Soluble	Solid	300.0	32499
880-18344-16	H-4 (0-0.5')	Soluble	Solid	300.0	32499
880-18344-17	H-5 (0-0.5')	Soluble	Solid	300.0	32499
880-18344-18	H-6 (0-0.5')	Soluble	Solid	300.0	32499
MB 880-32499/1-A	Method Blank	Soluble	Solid	300.0	32499
LCS 880-32499/2-A	Lab Control Sample	Soluble	Solid	300.0	32499
LCSD 880-32499/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32499
880-18344-1 MS	T-1 (0-1')	Soluble	Solid	300.0	32499
880-18344-1 MSD	T-1 (0-1')	Soluble	Solid	300.0	32499
880-18344-11 MS	T-4 (1.5')	Soluble	Solid	300.0	32499

Lab Chronicle

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-18344-1

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	4.99 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 16:10	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/19/22 21:16	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 13:14	AJ	EET MID

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-18344-2

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	5.01 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 16:36	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/19/22 22:21	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 13:42	AJ	EET MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-18344-3

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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 g	5 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 17:02	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/19/22 22:43	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 13:51	AJ	EET MID

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-18344-4

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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 g	5 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 17:28	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-18344-4

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/19/22 23:04	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 14:00	AJ	EET MID

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-18344-5

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 19:15	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/19/22 23:26	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 14:10	AJ	EET MID

Client Sample ID: T-2 (2')

Lab Sample ID: 880-18344-6

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	5.01 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 19:42	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/19/22 23:48	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 14:38	AJ	EET MID

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-18344-7

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	5.03 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 20:09	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/20/22 00:10	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-18344-7

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 14:47	AJ	EET MID

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-18344-8

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	5.02 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 20:36	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/20/22 00:31	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 14:56	AJ	EET MID

Client Sample ID: T-3 (2')

Lab Sample ID: 880-18344-9

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	502 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 21:03	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/20/22 00:53	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 15:05	AJ	EET MID

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-18344-10

Date Collected: 08/19/22 00:00

Matrix: Solid

Date Received: 08/19/22 09:56

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	5.01 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 21:30	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/20/22 01:14	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 15:14	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Client Sample ID: T-4 (1.5')

Date Collected: 08/19/22 00:00

Date Received: 08/19/22 09:56

Lab Sample ID: 880-18344-11

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			5.01 g	5.01 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 21:57	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/20/22 01:58	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 15:24	AJ	EET MID

Client Sample ID: T-4 (2')

Date Collected: 08/19/22 00:00

Date Received: 08/19/22 09:56

Lab Sample ID: 880-18344-12

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			5.00 g	5.00 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 22:23	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/20/22 02:19	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 15:51	AJ	EET MID

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

Date Collected: 08/19/22 00:00

Date Received: 08/19/22 09:56

Lab Sample ID: 880-18344-13

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			4.99 g	4.99 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 22:49	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/20/22 02:41	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 16:00	AJ	EET MID

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

Date Collected: 08/19/22 00:00

Date Received: 08/19/22 09:56

Lab Sample ID: 880-18344-14

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			4.98 g	4.98 g	32546	08/19/22 19:05	AJ	EET MID
Total/NA	Analysis	8021B		1			32557	08/20/22 23:14	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

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

Date Collected: 08/19/22 00:00

Date Received: 08/19/22 09:56

Lab Sample ID: 880-18344-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/20/22 03:03	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 16:28	AJ	EET MID

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

Date Collected: 08/19/22 00:00

Date Received: 08/19/22 09:56

Lab Sample ID: 880-18344-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 21:57	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/20/22 03:25	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 16:37	AJ	EET MID

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

Date Collected: 08/19/22 00:00

Date Received: 08/19/22 09:56

Lab Sample ID: 880-18344-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 22:17	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/20/22 03:46	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 16:46	AJ	EET MID

Client Sample ID: H-5 (0-0.5')

Date Collected: 08/19/22 00:00

Date Received: 08/19/22 09:56

Lab Sample ID: 880-18344-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 22:38	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/20/22 04:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Client Sample ID: H-5 (0-0.5')**Lab Sample ID: 880-18344-17****Date Collected: 08/19/22 00:00****Matrix: Solid****Date Received: 08/19/22 09:56**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 16:56	AJ	EET MID

Client Sample ID: H-6 (0-0.5')**Lab Sample ID: 880-18344-18****Date Collected: 08/19/22 00:00****Matrix: Solid****Date Received: 08/19/22 09:56**

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	32563	08/20/22 11:38	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32572	08/21/22 22:58	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32596	08/22/22 09:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			32650	08/22/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32495	08/19/22 10:34	DM	EET MID
Total/NA	Analysis	8015B NM		1			32462	08/20/22 04:30	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32499	08/19/22 10:42	CH	EET MID
Soluble	Analysis	300.0		1			32763	08/24/22 17:05	AJ	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

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

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

Method Summary

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

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

Sample Summary

Client: Carmona Resources
Project/Site: Zia Hills Federal Com 101H

Job ID: 880-18344-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-18344-1	T-1 (0-1')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-2	T-1 (1.5')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-3	T-1 (2')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-4	T-2 (0-1')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-5	T-2 (1.5')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-6	T-2 (2')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-7	T-3 (0-1')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-8	T-3 (1.5')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-9	T-3 (2')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-10	T-4 (0-1')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-11	T-4 (1.5')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-12	T-4 (2')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-13	H-1 (0-0.5')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-14	H-2 (0-0.5')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-15	H-3 (0-0.5')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-16	H-4 (0-0.5')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-17	H-5 (0-0.5')	Solid	08/19/22 00:00	08/19/22 09:56
880-18344-18	H-6 (0-0.5')	Solid	08/19/22 00:00	08/19/22 09:56

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

Work Order No: 18344

Page 1 of 2

Project Manager	Mike Camrona	Bill to, (if different)	*Camrona Resources*
Company Name	Camrona 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	mcamrona@camronaresources.com

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

Project Name		Zia Hills Federal Com 101H		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes																					
Project Number	1111	☐ Routine	☒ Rush	TAT starts the day received by the lab, if received by 4:30pm										None NO	DI Water H ₂ O																							
Project Location	Lee Co, NM	Due Date	72 Hour											Cool Cool	MeOH Me																							
Sampler's Name	MC	HCL HC															HNO ₃ HN																					
PO #:		H ₂ SO ₄ H ₂															NaOH Na																					
SAMPLE RECEIPT		Temp Blank.	Yes No											Wet Ice	Yes No	H ₃ PO ₄ HP																						
Received Intact:		Thermometer ID	5728																								NaHSO ₄ NABIS											
Cooler Custody Seals.	Yes No	Correction Factor	1.20																								Na ₂ S ₂ O ₃ NaSO ₃											
Sample Custody Seals	Yes No	Temperature Reading	1.2																								Zn Acetate+NaOH Zn											
Total Containers		Corrected Temperature.	1.4																								NaOH+Ascorbic Acid SAPC											
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont											Sample Comments																				
T-1 (0-1')		8/19/2022		X		G	1	X	X	X																												
T-1 (1 5')		8/19/2022		X		G	1	X	X	X																												
T-1 (2')		8/19/2022		X		G	1	X	X	X																												
T-2 (0-1')		8/19/2022		X		G	1	X	X	X																												
T-2 (1 5')		8/19/2022		X		G	1	X	X	X																												
T-2 (2')		8/19/2022		X		G	1	X	X	X																												
T-3 (0-1')		8/19/2022		X		G	1	X	X	X																												
T-3 (1 5')		8/19/2022		X		G	1	X	X	X																												
T-3 (2')		8/19/2022		X		G	1	X	X	X																												
T-4 (0-1')		8/19/2022		X		G	1	X	X	X																												
								BTEX 8021B																														
								TPH 8015M (GRO + DRO + MRO)																														
								Chloride 300.0																														

Comments:



Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>[Signature]</i>	8/19/22 9:50	<i>[Signature]</i>	

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

Work Order No: 18344

Page 2 of 2

Project Manager	Mike Carmona	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	mcarmona@carmonaresources.com

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

Project Name		Zia Hills Federal Com 101H		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes	
Project Number	1111	☐ Routine	☒ Rush	Due Date	72 Hour												None, NO	DI Water- H ₂ O
Project Location	Lea Co, NM			TAT starts the day received by the lab, if received by 4:30pm												Cool, Cool	MeOH, Me	
Sampler's Name	MC															HCL, HC	HNO ₃ , HN	
PO #:																H ₂ SO ₄ , H ₂	NaOH, Na	
SAMPLE RECEIPT		Temp Blank	Yes No	Yes No	Wet Ice	Yes No											H ₃ PO ₄ , HP	
Received Intact:		Yes No	Thermometer ID:												NaHSO ₄ , NABIS			
Cooler Custody Seals:		Yes No N/A	Correction Factor:												Na ₂ S ₂ O ₃ , NaSO ₃			
Sample Custody Seals		Yes No N/A	Temperature Reading												Zn Acetate+NaOH, Zn			
Total Containers		Corrected Temperature:												NaOH+Ascorbic Acid, SAPC				
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
T-4 (1.5')		8/19/2022		X		G	1	X	X	X	X							
T-4 (2')		8/19/2022		X		G	1	X	X	X	X							
H-1 (0-0.5')		8/19/2022		X		G	1	X	X	X	X							
H-2 (0-0.5')		8/19/2022		X		G	1	X	X	X	X							
H-3 (0-0.5')		8/19/2022		X		G	1	X	X	X	X							
H-4 (0-0.5')		8/19/2022		X		G	1	X	X	X	X							
H-5 (0-0.5')		8/19/2022		X		G	1	X	X	X	X							
H-6 (0-0.5')		8/19/2022		X		G	1	X	X	X	X							

Comments:

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		8/19/22			
		9:56			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-18344-1

SDG Number: Lea Co, NM

Login Number: 18344

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 138371

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 138371
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	8/31/2022