

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:  Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 01/25/2023

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

Closure Approved by: Robert Hamlet Date: 5/2/2023

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced



SITE INFORMATION

Closure Report
Bear Bryant 31 Federal #001
Incident ID: nMLB1116755122
Eddy County, New Mexico
Unit K Sec 31 T16S R29E
32.87556°, -104.11826°

Crude Oil Release
Point of Release: Hole in Oil Tank
Release Date: 05/30/2011
Volume Released: 240 Barrels of Crude Oil
Volume Recovered: 220 Barrels of Crude Oil

CARMONA RESOURCES



Prepared for:
Cimarex Energy Co. of Colorado
600 N. Marienfeld Street
Suite 600
Midland, Texas 79701

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



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January 6, 2023

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

Re: Closure Report
Bear Bryant 31 Federal #001
Cimarex Energy Co. of Colorado
Site Location: Unit K, S31, T16S, R29E
(Lat 32.87556°, Long -104.11826°)
Eddy County, New Mexico

To whom it may concern:

On behalf of Cimarex Energy Co. of Colorado (Cimarex), Carmona Resources, LLC has prepared this letter to document site activities for the Bear Bryant 31 Federal #001. The site is located at 32.87556°, -104.11826° within Unit K, S31, T16S, R29E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the leak was discovered on May 30, 2011, caused by a small hole in an oil tank from internal corrosion. It resulted in approximately two hundred and forty (240) barrels of crude oil released, and two hundred and twenty (220) barrels of crude oil were recovered. The impacted area is located on the pad and is shown on Figure 4. The initial C-141 form is attached in Appendix C. This facility was reclaimed on December 12, 2022.

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 source is within a 0.50-mile radius of the location. The nearest identified well is approximately 1.33 miles Northwest of the site in S25, T16S, R28E and was drilled in 2015. The well has a reported depth to groundwater of 70' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).



- Chloride: 600 mg/kg.

4.0 Site Assessment Activities

On October 12, 2022, H&R Enterprises personnel were onsite to assess the site for reclamation purposes. Seven (7) trenches (TT-1 through TT-4, and TT-1B through TT-3B) were installed on the pad to total depths ranging from surface to 4.0' below the surface. See Figure 3 for the trench locations. Test Trench 1B (TT-1B) showed elevated chloride levels at 976 mg/kg at 1' below the surface however, confirmation samples were never collected after the area of TT-1B was excavated to 1'. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. Refer to Table 1.

On December 20, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts after the site was reclaimed. To assess the vertical and horizontal extent, six (6) sample points and four (4) horizontal sample points were advanced to depths ranging from the surface to 2' bgs inside the area of concern. See Figure 4 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

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

5.0 Conclusion

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and Cimarex formally requests the 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

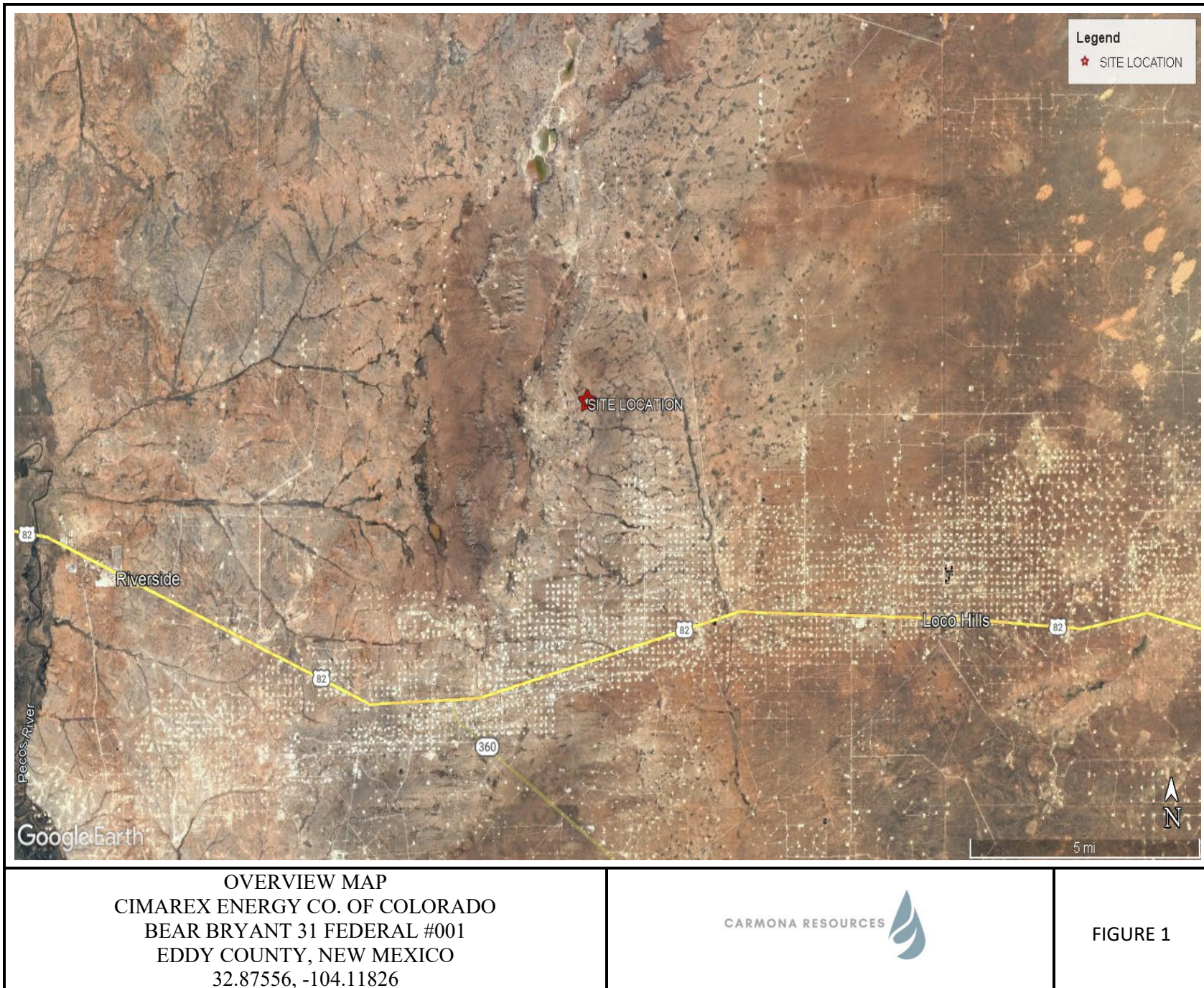
Ashton Thielke
Sr. Project Manager

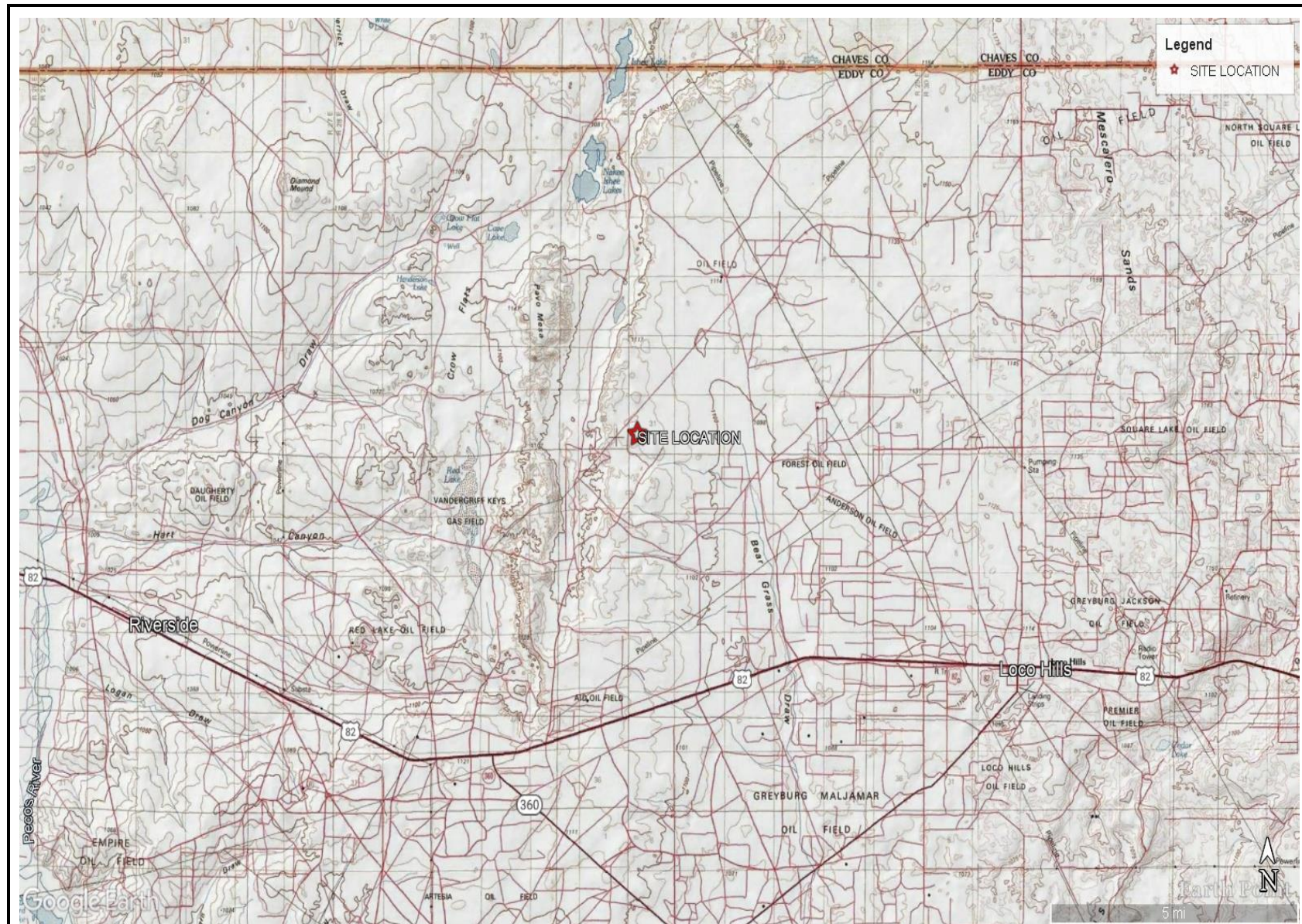
Miranda Milwee

FIGURES

CARMONA RESOURCES



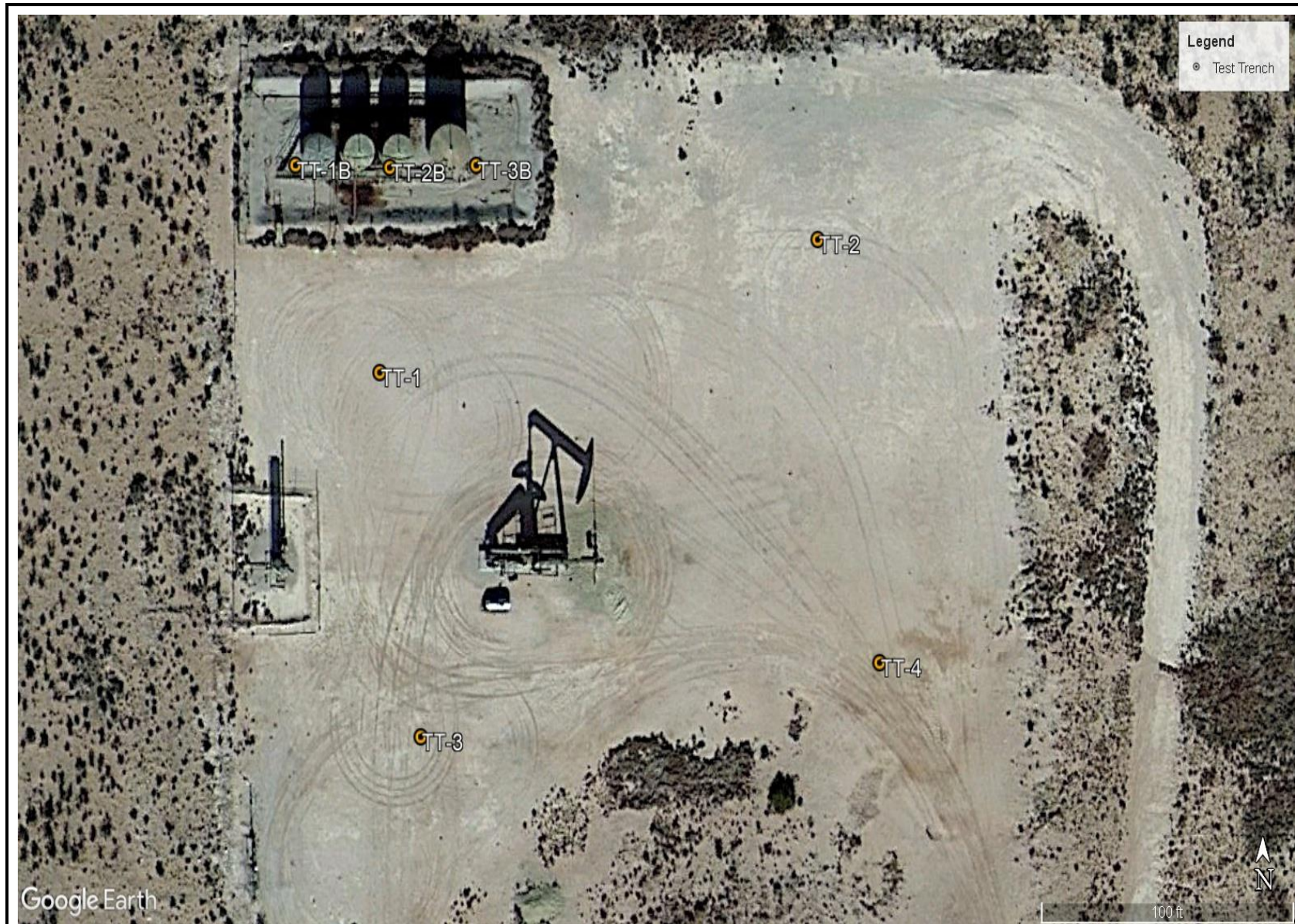




TOPOGRAPHIC MAP
 CIMAREX ENERGY CO. OF COLORADO
 BEAR BRYANT 31 FEDERAL #001
 EDDY COUNTY, NEW MEXICO
 32.87556, -104.11826



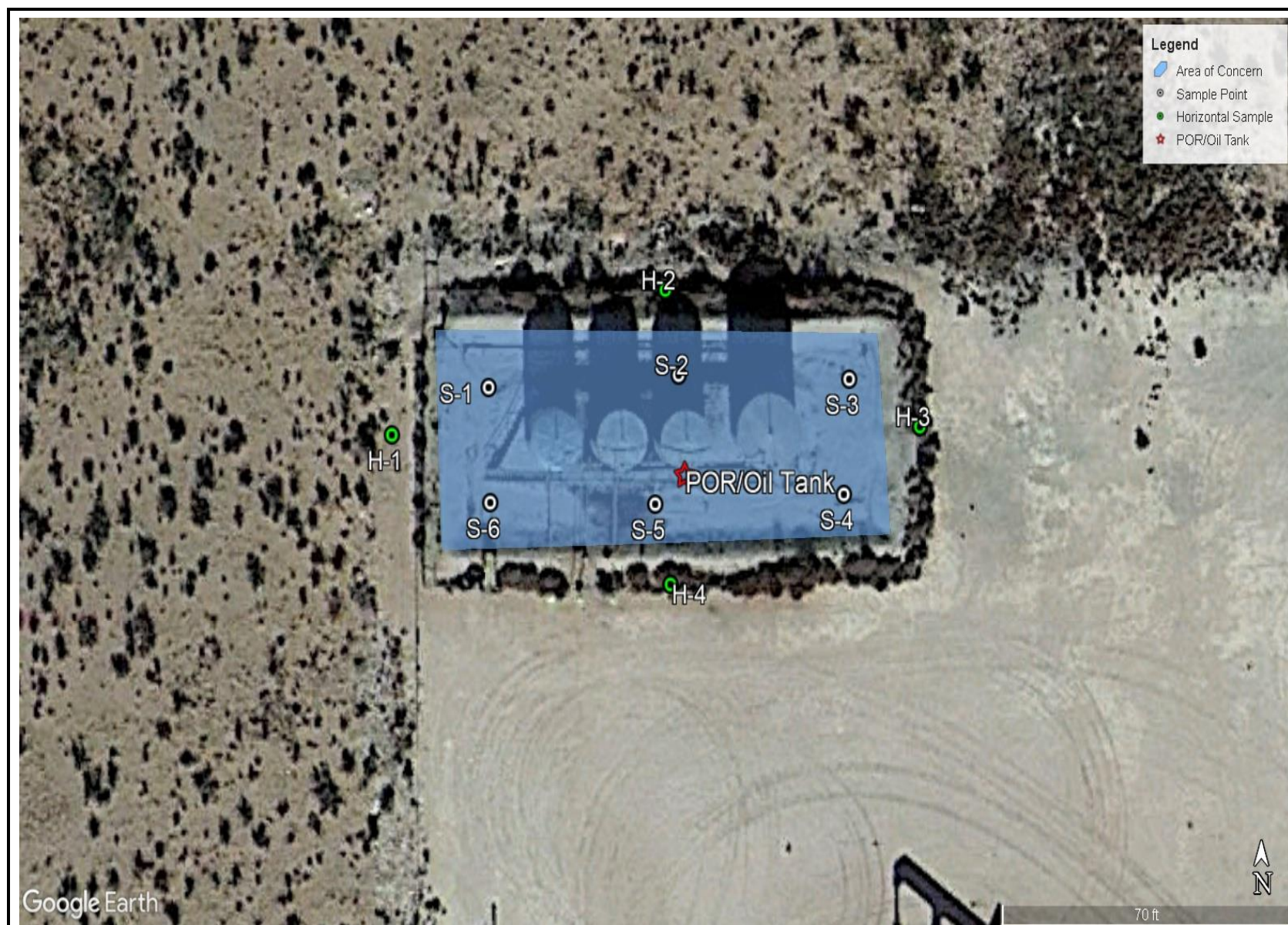
FIGURE 2



TEST TRENCH MAP
CIMAREX ENERGY CO. OF COLORADO
BEAR BRYANT 31 FEDERAL #001
EDDY COUNTY, NEW MEXICO
32.87556, -104.11826



FIGURE 3



SAMPLE LOCATION MAP
CIMAREX ENERGY CO. OF COLORADO
BEAR BRYANT 31 FEDERAL #001
EDDY COUNTY, NEW MEXICO
32.87556, -104.11826



FIGURE 4

APPENDIX A

CARMONA RESOURCES



Table 1
Cimarex
Bear Bryant 31 Federal #001
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
TT-1	10/12/2022	0-1	ND	ND	ND	0	ND	ND	ND	ND	ND	64
	"	2.0	ND	ND	ND	0	ND	ND	ND	ND	ND	64
	"	3.0	ND	ND	ND	0	ND	ND	ND	ND	ND	96
	"	4.0	ND	ND	ND	0	ND	ND	ND	ND	ND	32
TT-2	10/12/2022	0-1	ND	ND	ND	0	ND	ND	ND	ND	ND	288
	"	2.0	ND	ND	ND	0	ND	ND	ND	ND	ND	176
	"	3.0	ND	ND	ND	0	ND	ND	ND	ND	ND	48
	"	4.0	ND	ND	ND	0	ND	ND	ND	ND	ND	96
TT-3	10/12/2022	0-1	ND	ND	ND	0	ND	ND	ND	ND	ND	304
	"	2.0	ND	ND	ND	0	ND	ND	ND	ND	ND	176
	"	3.0	ND	ND	ND	0	ND	ND	ND	ND	ND	144
	"	4.0	ND	ND	ND	0	ND	ND	ND	ND	ND	48
TT-4	10/12/2022	0-1	ND	ND	ND	0	ND	ND	ND	ND	ND	80
	"	2.0	ND	ND	ND	0	ND	ND	ND	ND	ND	80
	"	3.0	ND	ND	ND	0	ND	ND	ND	ND	ND	64
	"	4.0	ND	ND	ND	0	ND	ND	ND	ND	ND	16
TT-1B	10/12/2022	0-1	ND	ND	ND	0	ND	ND	ND	ND	ND	976
	"	2.0	ND	ND	ND	0	ND	ND	ND	ND	ND	80
	"	3.0	ND	ND	ND	0	ND	ND	ND	ND	ND	96
	"	4.0	ND	ND	ND	0	ND	ND	ND	ND	ND	32
TT-2B	10/12/2022	0-1	ND	ND	ND	0	ND	ND	ND	ND	ND	288
	"	2.0	ND	ND	ND	0	ND	ND	ND	ND	ND	80
	"	3.0	ND	ND	ND	0	ND	ND	ND	ND	ND	48
	"	4.0	ND	ND	ND	0	ND	ND	ND	ND	ND	32
TT-3B	10/12/2022	0-1	ND	ND	ND	0	ND	ND	ND	ND	ND	112
	"	2.0	ND	ND	ND	0	ND	ND	ND	ND	ND	64
	"	3.0	ND	ND	ND	0	ND	ND	ND	ND	ND	112
	"	4.0	ND	ND	ND	0	ND	ND	ND	ND	ND	48
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft - feet

(TT) - Test Trench

(ND) - Analyte Not Detected

 Removed

Table 2
Cimarex
Bear Bryant 31 Federal #001
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			GRO	DRO	MRO	Total							
S-1	12/20/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	12.2	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	13.2	
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6.22	
S-2	12/20/2022	0-1	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	21.9	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	42.5	
	"	2.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	18.4	
S-3	12/20/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	20.7	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	13.6	
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	12.9	
S-4	12/20/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	21.3	
	"	1.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	20.0	
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	11.3	
S-5	12/20/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	74.2	
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	110	
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	85.5	
S-6	12/20/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	43.0	
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	17.1	
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	9.70	
H-1	12/20/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.2	
H-2	12/20/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00	
H-3	12/20/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5.79	
H-4	12/20/2022	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.05	
Regulatory Criteria ^A							100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft - feet

(S) - Sample Point

(H) - Horizontal Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Cimarex

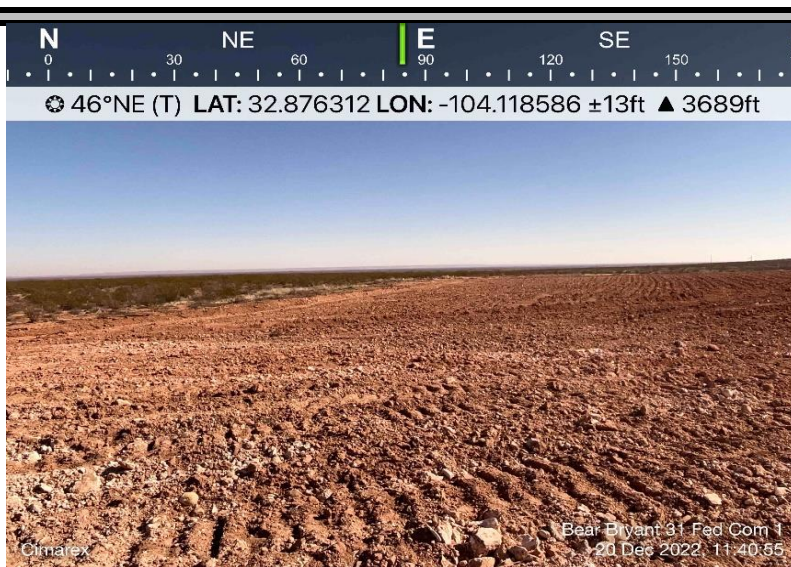
Photograph No. 1

Facility: Bear Bryant 31 Federal #001
(05.30.2011)

County: Eddy County, New Mexico

Description:

View East, area of S-1 through S-6.



Photograph No. 2

Facility: Bear Bryant 31 Federal #001
(05.30.2011)

County: Eddy County, New Mexico

Description:

View Northeast of reclaimed area.



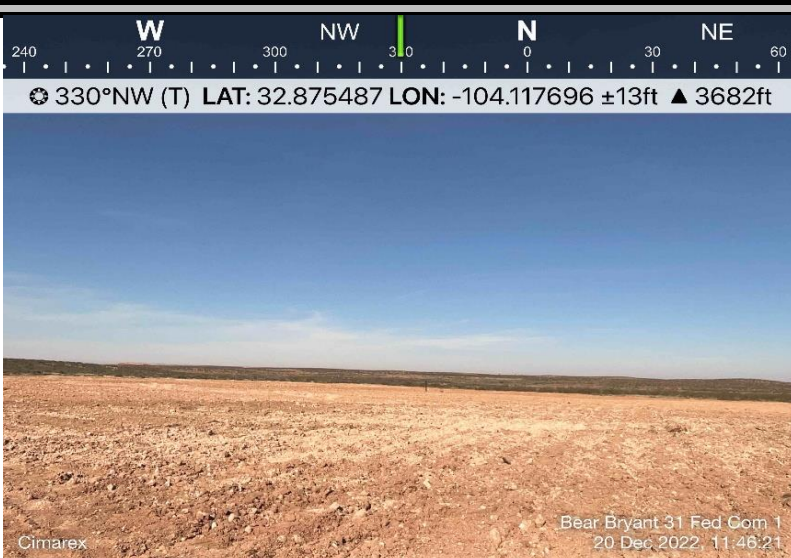
Photograph No. 3

Facility: Bear Bryant 31 Federal #001
(05.30.2011)

County: Eddy County, New Mexico

Description:

View Northwest of reclaimed area.



PHOTOGRAPHIC LOG

Cimarex

Photograph No. 4

Facility: Bear Bryant 31 Federal #001
(05.30.2011)

County: Eddy County, New Mexico

Description:

View Southeast of reclaimed area.



APPENDIX C

CARMONA RESOURCES



District I
1625 N. French Dr. Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

30-015-34906

Release Notification and Corrective Action

nmlcB1116755122

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company-Cimarex Energy	162683	Contact- James Tinney
Address-600 N Marienfeld Ste 600, Midland Tx 79701		Telephone No. 575 706 0095
Facility Name-Bear Bryant 31 fed com 1		Facility Type- Tank battery

Surface Owner	Mineral Owner	Lease No.
---------------	---------------	-----------

LOCATION OF RELEASE

Unit Letter K	Section 31	Township H-S 16S	Range 29 E	Feet from the 1850	North/South Line FSL	Feet from the 990	East/West Line FWL	County - Eddy
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Latitude- 32.87556 Longitude- 104.11826

NATURE OF RELEASE

Type of Release- crude oil	Volume of Release-240bbls DOR 5/30/2011	Volume Recovered-220 bbls
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jim Amos 10:00 am 5-31-11 Mike Bratcher 10:30 am 5-31-11	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Take Small hole in oil tank below circulating line above weld seem from internal corrosion		<div style="border: 2px solid black; padding: 5px; text-align: center;"> RECEIVED JUN 10 2011 NMOCD ARTESIA </div>
Describe Area Affected and Cleanup Action Take All oil was contained inside berm. Berm is lined with plastic, had vac truck pick up oil and move to next oil tank		

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature <i>James Tinney</i>	OIL CONSERVATION DIVISION	
Printed Name: James Tinney	Signed By <i>Mike Bratcher</i> Approved by District Supervisor:-	
Title: Assistant Production Foreman	Approval Date: 6/16/2011	Expiration Date:
E-mail Address: jtinney@cimarex.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 3-13-11 Phone: 575-706-0095	Remediation per OCD Rules & Guidelines. SUBMIT REMEDIATION PROPOSAL NOT LATER THAN: 7/16/2011	

* Attach Additional Sheets If Necessary

2RP-797

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?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input type="checkbox"/> 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?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

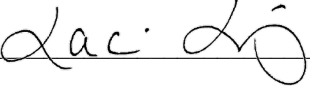
State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
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Printed Name: _____ Title: _____

Signature:  Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 01/25/2023

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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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:  Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 01/25/2023

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

APPENDIX D

CARMONA RESOURCES



Nearest water well

Cimarex Energy Co. of Colorado

Legend


- 0.50 Mile Radius
- 1.33 Miles
- 1.62 Miles
- 1.72 Miles
- Bear Bryant 31 Federal #001 (05.30.2011)
- NMSEO Water Well
- USGS Water Well





High Karst

Cimarex Energy Co. of Colorado

Legend

 Bear Bryant 31 Federal #001 (05.30.2011)

 High

 Medium

Bear Bryant 31 Federal #001 (05.30.2011)


N

5000 ft



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
RA 12299 POD1	RA	ED		4	3	3	25	16S	28E	580832	3639215	2125	115	70	45
RA 09342	RA	ED		4	4	3	19	16S	29E	582737	3640640*	2752	220	110	110

Average Depth to Water: **90 feet**

Minimum Depth: **70 feet**

Maximum Depth: **110 feet**

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 582500

Northing (Y): 3637898

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.

12/20/22 7:48 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)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	RA 12299 POD1	4	3	3	25	16S	28E	580832	3639215 
Driller License: 1058		Driller Company:		KEY'S DRILLING & PUMP SERVICE					
Driller Name:		CLINTON KEY							
Drill Start Date: 09/21/2015		Drill Finish Date:		09/23/2015		Plug Date:			
Log File Date: 10/07/2015		PCW Rev Date:						Source: Shallow	
Pump Type:		Pipe Discharge Size:						Estimated Yield: 30 GPM	
Casing Size: 4.50		Depth Well:		115 feet		Depth Water:		70 feet	
Water Bearing Stratifications:				Top	Bottom	Description			
				70	80	Sandstone/Gravel/Conglomerate			
				80	90	Shale/Mudstone/Siltstone			
				105	115	Other/Unknown			
Casing Perforations:				Top	Bottom				
				95	115				

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12/20/22 7:48 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

- See the [Water Data for the Nation Blog](#) for the latest news and updates.

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 325141104082301

Minimum number of levels = 1

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

USGS 325141104082301 17S.28E.02.424314

Eddy County, New Mexico

Latitude 32°51'41", Longitude 104°08'23" NAD27

Land-surface elevation 3,571 feet above NAVD88

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

This well is completed in the San Andres Limestone (313SADR) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1948-12-03			D 62610		3541.83	NGVD29	P		Z	
1948-12-03			D 62611		3543.37	NAVD88	P		Z	
1948-12-03			D 72019	27.63			P		Z	
1983-04-13			D 62610		3541.74	NGVD29	1		Z	
1983-04-13			D 62611		3543.28	NAVD88	1		Z	
1983-04-13			D 72019	27.72			1		Z	
1986-05-21			D 62610		3541.49	NGVD29	1		S	
1986-05-21			D 62611		3543.03	NAVD88	1		S	
1986-05-21			D 72019	27.97			1		S	
1989-01-30			D 62610		3540.89	NGVD29	1		S	
1989-01-30			D 62611		3542.43	NAVD88	1		S	
1989-01-30			D 72019	28.57			1		S	
1994-03-01			D 62610		3535.18	NGVD29	1		S	
1994-03-01			D 62611		3536.72	NAVD88	1		S	
1994-03-01			D 72019	34.28			1		S	

Explanation

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

[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: 2022-12-20 09:54:13 EST

0.28 0.23 nadww01



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	RA 09342	4	4	3	19	16S	29E	582737	3640640*
<hr/>									
Driller License:		1064		Driller Company:		DELFORD W. MARTIN			
Driller Name:		DELFORD MARTIN							
Drill Start Date:		05/02/1998		Drill Finish Date:		05/03/1998		Plug Date:	
Log File Date:		05/08/1998		PCW Rev Date:				Source: Shallow	
Pump Type:				Pipe Discharge Size:				Estimated Yield: 30 GPM	
Casing Size:		5.50		Depth Well:		220 feet		Depth Water: 110 feet	
<hr/>									
Water Bearing Stratifications:				Top	Bottom	Description			
				143	204	Shallow Alluvium/Basin Fill			
<hr/>									
Casing Perforations:				Top	Bottom				
				140	220				
<hr/>									

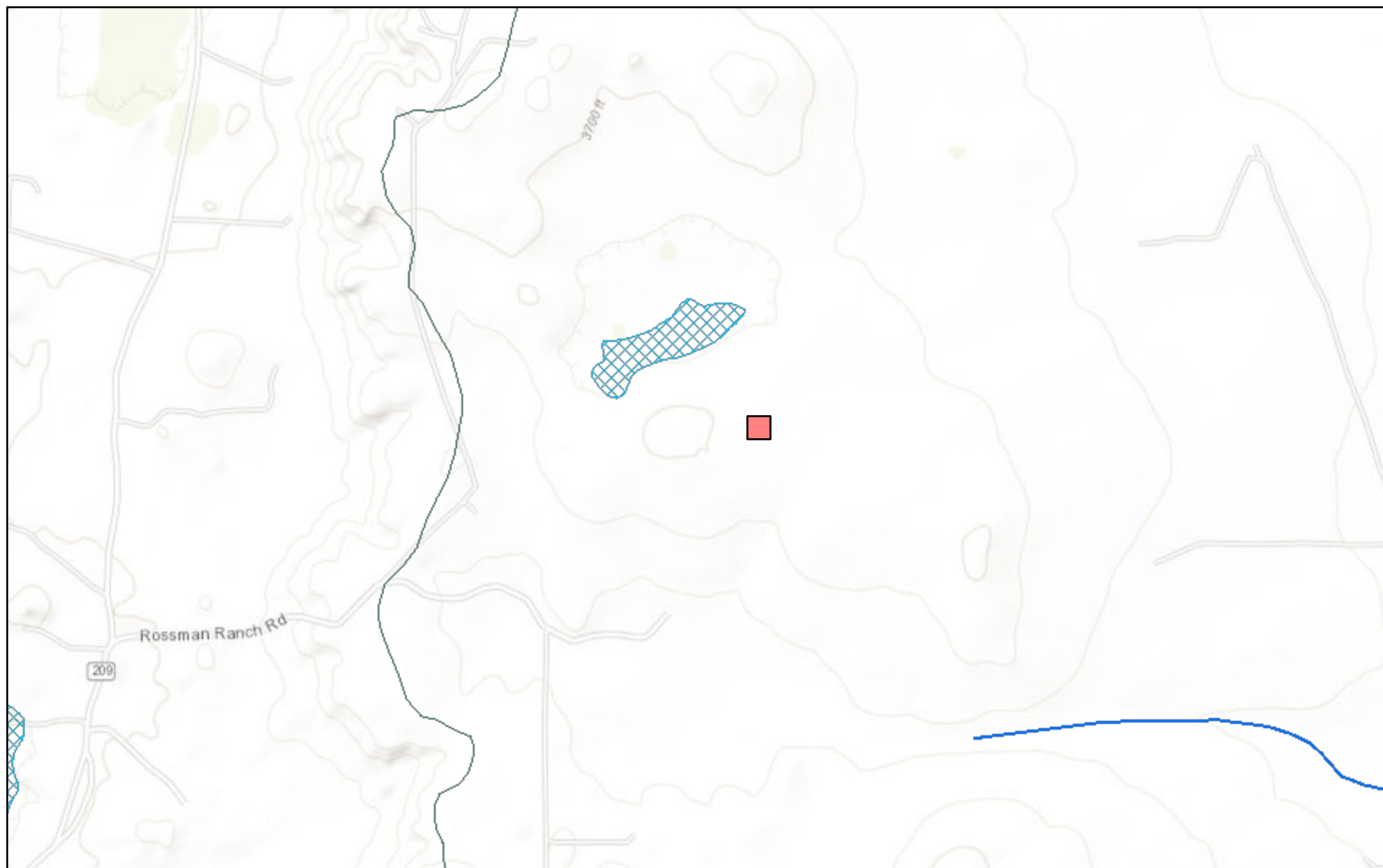
*UTM location was derived from PLSS - see Help

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.

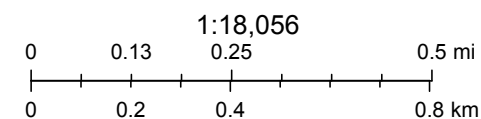
12/20/22 7:50 AM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



December 20, 2022



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

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APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/31/2022 9:58:13 AM

JOB DESCRIPTION

Bear Bryant 31 Federal Com #001
SDG NUMBER Eddy Co, NM

JOB NUMBER

880-23046-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

Authorization



Generated
12/31/2022 9:58:13 AM

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

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Laboratory Job ID: 880-23046-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Job ID: 880-23046-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-23046-1**

Receipt

The samples were received on 12/22/2022 1:34 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C

Receipt Exceptions

The following samples analyzed for method <TPH 8015> were received and analyzed from an unpreserved bulk soil jar.

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-42831 and analytical batch 880-42773 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-42831 and analytical batch 880-42773 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-42386 and analytical batch 880-42572 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-42710 and analytical batch 880-42808 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-42711 and analytical batch 880-42899 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-23046-1

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/28/22 14:45	12/30/22 12:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/28/22 14:45	12/30/22 12:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/28/22 14:45	12/30/22 12:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/28/22 14:45	12/30/22 12:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/28/22 14:45	12/30/22 12:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/28/22 14:45	12/30/22 12:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	12/28/22 14:45	12/30/22 12:17	1
1,4-Difluorobenzene (Surr)	87		70 - 130	12/28/22 14:45	12/30/22 12:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/29/22 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		12/28/22 17:11	12/29/22 04:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		12/28/22 17:11	12/29/22 04:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/28/22 17:11	12/29/22 04:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130	12/28/22 17:11	12/29/22 04:09	1
o-Terphenyl	144	S1+	70 - 130	12/28/22 17:11	12/29/22 04:09	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.2		5.04		mg/Kg			12/30/22 05:37	1

Client Sample ID: S-1 (1'.5)

Lab Sample ID: 880-23046-2

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/28/22 14:45	12/30/22 12:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/28/22 14:45	12/30/22 12:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/28/22 14:45	12/30/22 12:38	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/28/22 14:45	12/30/22 12:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/28/22 14:45	12/30/22 12:38	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/28/22 14:45	12/30/22 12:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	12/28/22 14:45	12/30/22 12:38	1
1,4-Difluorobenzene (Surr)	82		70 - 130	12/28/22 14:45	12/30/22 12:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (1'.5)

Lab Sample ID: 880-23046-2

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/29/22 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		12/28/22 17:11	12/29/22 05:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/28/22 17:11	12/29/22 05:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/28/22 17:11	12/29/22 05:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				12/28/22 17:11	12/29/22 05:14	1
o-Terphenyl	120		70 - 130				12/28/22 17:11	12/29/22 05:14	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.2	F1	5.01		mg/Kg			12/30/22 05:45	1

Client Sample ID: S-1 (2')

Lab Sample ID: 880-23046-3

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 12:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 12:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 12:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/28/22 14:45	12/30/22 12:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 12:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/28/22 14:45	12/30/22 12:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				12/28/22 14:45	12/30/22 12:58	1
1,4-Difluorobenzene (Surr)	85		70 - 130				12/28/22 14:45	12/30/22 12:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/29/22 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		12/28/22 17:11	12/29/22 05:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/28/22 17:11	12/29/22 05:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (2')

Lab Sample ID: 880-23046-3

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/28/22 17:11	12/29/22 05:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				12/28/22 17:11	12/29/22 05:36	1
o-Terphenyl	141	S1+	70 - 130				12/28/22 17:11	12/29/22 05:36	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.22		5.05		mg/Kg			12/30/22 06:12	1

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-23046-4

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 13:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 13:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 13:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/28/22 14:45	12/30/22 13:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 13:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/28/22 14:45	12/30/22 13:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				12/28/22 14:45	12/30/22 13:19	1
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130				12/28/22 14:45	12/30/22 13:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/29/22 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		12/28/22 17:11	12/29/22 05:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/28/22 17:11	12/29/22 05:58	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/28/22 17:11	12/29/22 05:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				12/28/22 17:11	12/29/22 05:58	1
o-Terphenyl	131	S1+	70 - 130				12/28/22 17:11	12/29/22 05:58	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.9		4.96		mg/Kg			12/30/22 06:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-23046-5

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 13:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 13:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 13:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/28/22 14:45	12/30/22 13:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 13:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/28/22 14:45	12/30/22 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	12/28/22 14:45	12/30/22 13:40	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/28/22 14:45	12/30/22 13:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/29/22 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		12/28/22 17:11	12/29/22 06:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/28/22 17:11	12/29/22 06:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/28/22 17:11	12/29/22 06:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	12/28/22 17:11	12/29/22 06:20	1
o-Terphenyl	120		70 - 130	12/28/22 17:11	12/29/22 06:20	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.5		5.04		mg/Kg			12/30/22 06:47	1

Client Sample ID: S-2 (2')

Lab Sample ID: 880-23046-6

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 14:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 14:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 14:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/28/22 14:45	12/30/22 14:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 14:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/28/22 14:45	12/30/22 14:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	12/28/22 14:45	12/30/22 14:00	1
1,4-Difluorobenzene (Surr)	74		70 - 130	12/28/22 14:45	12/30/22 14:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (2')

Lab Sample ID: 880-23046-6

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/29/22 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		12/28/22 17:11	12/29/22 06:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/28/22 17:11	12/29/22 06:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/28/22 17:11	12/29/22 06:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				12/28/22 17:11	12/29/22 06:41	1
o-Terphenyl	121		70 - 130				12/28/22 17:11	12/29/22 06:41	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.4		4.98		mg/Kg			12/30/22 06:55	1

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-23046-7

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 14:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 14:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 14:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/28/22 14:45	12/30/22 14:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 14:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/28/22 14:45	12/30/22 14:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				12/28/22 14:45	12/30/22 14:21	1
1,4-Difluorobenzene (Surr)	77		70 - 130				12/28/22 14:45	12/30/22 14:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/29/22 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		12/28/22 17:11	12/29/22 07:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/28/22 17:11	12/29/22 07:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-23046-7

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/28/22 17:11	12/29/22 07:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				12/28/22 17:11	12/29/22 07:03	1
o-Terphenyl	122		70 - 130				12/28/22 17:11	12/29/22 07:03	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.7		4.95		mg/Kg			12/30/22 07:04	1

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-23046-8

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/28/22 14:45	12/30/22 14:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/28/22 14:45	12/30/22 14:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/28/22 14:45	12/30/22 14:41	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/28/22 14:45	12/30/22 14:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/28/22 14:45	12/30/22 14:41	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/28/22 14:45	12/30/22 14:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				12/28/22 14:45	12/30/22 14:41	1
1,4-Difluorobenzene (Surr)	87		70 - 130				12/28/22 14:45	12/30/22 14:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/29/22 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		12/28/22 17:11	12/29/22 07:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/28/22 17:11	12/29/22 07:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/28/22 17:11	12/29/22 07:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				12/28/22 17:11	12/29/22 07:24	1
o-Terphenyl	118		70 - 130				12/28/22 17:11	12/29/22 07:24	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.6		5.00		mg/Kg			12/30/22 07:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (2')

Lab Sample ID: 880-23046-9

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/28/22 14:45	12/30/22 15:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/28/22 14:45	12/30/22 15:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/28/22 14:45	12/30/22 15:02	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/28/22 14:45	12/30/22 15:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/28/22 14:45	12/30/22 15:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/28/22 14:45	12/30/22 15:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/28/22 14:45	12/30/22 15:02	1
1,4-Difluorobenzene (Surr)	71		70 - 130	12/28/22 14:45	12/30/22 15:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/29/22 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		12/28/22 17:11	12/29/22 07:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/28/22 17:11	12/29/22 07:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/28/22 17:11	12/29/22 07:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	0.005	S1-	70 - 130	12/28/22 17:11	12/29/22 07:43	1
o-Terphenyl	0.03	S1-	70 - 130	12/28/22 17:11	12/29/22 07:43	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.9		5.00		mg/Kg			12/30/22 07:21	1

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-23046-10

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 15:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 15:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 15:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/28/22 14:45	12/30/22 15:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 15:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/28/22 14:45	12/30/22 15:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	12/28/22 14:45	12/30/22 15:22	1
1,4-Difluorobenzene (Surr)	79		70 - 130	12/28/22 14:45	12/30/22 15:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-23046-10

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/30/22 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 16:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 16:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 16:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				12/29/22 08:29	12/29/22 16:42	1
o-Terphenyl	105		70 - 130				12/29/22 08:29	12/29/22 16:42	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.3		5.03		mg/Kg			12/30/22 07:30	1

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-23046-11

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 17:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 17:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 17:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/28/22 14:45	12/30/22 17:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 17:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/28/22 14:45	12/30/22 17:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130				12/28/22 14:45	12/30/22 17:37	1
1,4-Difluorobenzene (Surr)	83		70 - 130				12/28/22 14:45	12/30/22 17:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/30/22 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/29/22 08:29	12/29/22 17:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/29/22 08:29	12/29/22 17:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-23046-11

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/29/22 08:29	12/29/22 17:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130				12/29/22 08:29	12/29/22 17:04	1
o-Terphenyl	126		70 - 130				12/29/22 08:29	12/29/22 17:04	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.0		4.99		mg/Kg			12/30/22 07:39	1

Client Sample ID: S-4 (2')

Lab Sample ID: 880-23046-12

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 17:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 17:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 17:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/28/22 14:45	12/30/22 17:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 17:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/28/22 14:45	12/30/22 17:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				12/28/22 14:45	12/30/22 17:57	1
1,4-Difluorobenzene (Surr)	92		70 - 130				12/28/22 14:45	12/30/22 17:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/30/22 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 17:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 17:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 17:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				12/29/22 08:29	12/29/22 17:25	1
o-Terphenyl	115		70 - 130				12/29/22 08:29	12/29/22 17:25	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.3		5.01		mg/Kg			12/23/22 19:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-23046-13

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 18:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 18:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 18:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/28/22 14:45	12/30/22 18:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 18:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/28/22 14:45	12/30/22 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	12/28/22 14:45	12/30/22 18:18	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/28/22 14:45	12/30/22 18:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/30/22 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 17:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 17:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130	12/29/22 08:29	12/29/22 17:46	1
o-Terphenyl	129		70 - 130	12/29/22 08:29	12/29/22 17:46	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.2		5.02		mg/Kg			12/23/22 19:36	1

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-23046-14

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 18:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 18:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 18:38	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/28/22 14:45	12/30/22 18:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 18:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/28/22 14:45	12/30/22 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	12/28/22 14:45	12/30/22 18:38	1
1,4-Difluorobenzene (Surr)	88		70 - 130	12/28/22 14:45	12/30/22 18:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-23046-14

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/30/22 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 18:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 18:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				12/29/22 08:29	12/29/22 18:08	1
o-Terphenyl	107		70 - 130				12/29/22 08:29	12/29/22 18:08	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		5.00		mg/Kg			12/23/22 19:41	1

Client Sample ID: S-5 (2')

Lab Sample ID: 880-23046-15

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 18:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 18:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 18:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/28/22 14:45	12/30/22 18:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 18:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/28/22 14:45	12/30/22 18:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				12/28/22 14:45	12/30/22 18:59	1
1,4-Difluorobenzene (Surr)	87		70 - 130				12/28/22 14:45	12/30/22 18:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/30/22 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 18:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 18:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (2')

Lab Sample ID: 880-23046-15

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 18:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				12/29/22 08:29	12/29/22 18:29	1
o-Terphenyl	114		70 - 130				12/29/22 08:29	12/29/22 18:29	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.5		4.97		mg/Kg			12/23/22 19:46	1

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-23046-16

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 19:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 19:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 19:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/28/22 14:45	12/30/22 19:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 19:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/28/22 14:45	12/30/22 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				12/28/22 14:45	12/30/22 19:19	1
1,4-Difluorobenzene (Surr)	74		70 - 130				12/28/22 14:45	12/30/22 19:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/30/22 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 19:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 19:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 19:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				12/29/22 08:29	12/29/22 19:13	1
o-Terphenyl	109		70 - 130				12/29/22 08:29	12/29/22 19:13	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.0		4.99		mg/Kg			12/23/22 19:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-23046-17

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 19:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 19:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 19:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/28/22 14:45	12/30/22 19:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/28/22 14:45	12/30/22 19:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/28/22 14:45	12/30/22 19:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	12/28/22 14:45	12/30/22 19:40	1
1,4-Difluorobenzene (Surr)	72		70 - 130	12/28/22 14:45	12/30/22 19:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/30/22 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 19:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 19:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 19:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	12/29/22 08:29	12/29/22 19:34	1
o-Terphenyl	113		70 - 130	12/29/22 08:29	12/29/22 19:34	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.1		5.03		mg/Kg			12/23/22 19:56	1

Client Sample ID: S-6 (2')

Lab Sample ID: 880-23046-18

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 20:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 20:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 20:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/28/22 14:45	12/30/22 20:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 20:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/28/22 14:45	12/30/22 20:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	12/28/22 14:45	12/30/22 20:01	1
1,4-Difluorobenzene (Surr)	90		70 - 130	12/28/22 14:45	12/30/22 20:01	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-6 (2')

Lab Sample ID: 880-23046-18

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/31/22 10:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/30/22 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 19:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 19:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 19:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				12/29/22 08:29	12/29/22 19:56	1
o-Terphenyl	120		70 - 130				12/29/22 08:29	12/29/22 19:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.70	F1	5.02		mg/Kg			12/30/22 12:53	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-23046-1	S-1 (0-1')	102	87
880-23046-1 MS	S-1 (0-1')	99	93
880-23046-1 MSD	S-1 (0-1')	101	87
880-23046-2	S-1 (1'.5)	105	82
880-23046-3	S-1 (2')	103	85
880-23046-4	S-2 (0-1')	83	66 S1-
880-23046-5	S-2 (1.5')	94	91
880-23046-6	S-2 (2')	83	74
880-23046-7	S-3 (0-1')	103	77
880-23046-8	S-3 (1.5')	89	87
880-23046-9	S-3 (2')	88	71
880-23046-10	S-4 (0-1')	87	79
880-23046-11	S-4 (1.5')	69 S1-	83
880-23046-12	S-4 (2')	87	92
880-23046-13	S-5 (0-1')	93	94
880-23046-14	S-5 (1.5')	86	88
880-23046-15	S-5 (2')	93	87
880-23046-16	S-6 (0-1')	87	74
880-23046-17	S-6 (1.5')	84	72
880-23046-18	S-6 (2')	91	90
LCS 880-42813/1-A	Lab Control Sample	103	92
LCSD 880-42813/2-A	Lab Control Sample Dup	78	98
MB 880-42813/5-A	Method Blank	78	87
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-23043-A-1-F MS	Matrix Spike	60 S1-	53 S1-
880-23043-A-1-G MSD	Matrix Spike Duplicate	62 S1-	46 S1-
880-23046-1	S-1 (0-1')	134 S1+	144 S1+
880-23046-1 MS	S-1 (0-1')	113	110
880-23046-1 MSD	S-1 (0-1')	98	96
880-23046-2	S-1 (1'.5)	109	120
880-23046-3	S-1 (2')	131 S1+	141 S1+
880-23046-4	S-2 (0-1')	121	131 S1+
880-23046-5	S-2 (1.5')	110	120
880-23046-6	S-2 (2')	111	121
880-23046-7	S-3 (0-1')	112	122
880-23046-8	S-3 (1.5')	108	118
880-23046-9	S-3 (2')	0.005 S1-	0.03 S1-
880-23046-10	S-4 (0-1')	109	105
880-23046-11	S-4 (1.5')	135 S1+	126
880-23046-12	S-4 (2')	122	115

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Surrogate Summary

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy 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)
880-23046-13	S-5 (0-1')	139 S1+	129
880-23046-14	S-5 (1.5')	110	107
880-23046-15	S-5 (2')	119	114
880-23046-16	S-6 (0-1')	112	109
880-23046-17	S-6 (1.5')	116	113
880-23046-18	S-6 (2')	124	120
LCS 880-42831/2-A	Lab Control Sample	104	115
LCS 880-42834/2-A	Lab Control Sample	102	115
LCSD 880-42831/3-A	Lab Control Sample Dup	92	105
LCSD 880-42834/3-A	Lab Control Sample Dup	110	122
MB 880-42831/1-A	Method Blank	105	116
MB 880-42834/1-A	Method Blank	113	113

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-42813/5-A

Matrix: Solid

Analysis Batch: 42923

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42813

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 11:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 11:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 11:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/28/22 14:45	12/30/22 11:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/28/22 14:45	12/30/22 11:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/28/22 14:45	12/30/22 11:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	12/28/22 14:45	12/30/22 11:56	1
1,4-Difluorobenzene (Surr)	87		70 - 130	12/28/22 14:45	12/30/22 11:56	1

Lab Sample ID: LCS 880-42813/1-A

Matrix: Solid

Analysis Batch: 42923

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42813

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09811		mg/Kg		98	70 - 130
Toluene	0.100	0.08936		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.08775		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.1858		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09609		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-42813/2-A

Matrix: Solid

Analysis Batch: 42923

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42813

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1124		mg/Kg		112	70 - 130	14	35
Toluene	0.100	0.09152		mg/Kg		92	70 - 130	2	35
Ethylbenzene	0.100	0.07731		mg/Kg		77	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.1539		mg/Kg		77	70 - 130	19	35
o-Xylene	0.100	0.07760		mg/Kg		78	70 - 130	21	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	78		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-23046-1 MS

Matrix: Solid

Analysis Batch: 42923

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

Prep Type: Total/NA

Prep Batch: 42813

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.101	0.1065		mg/Kg		106	70 - 130
Toluene	<0.00201	U	0.101	0.09443		mg/Kg		94	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-23046-1 MS

Matrix: Solid

Analysis Batch: 42923

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

Prep Type: Total/NA

Prep Batch: 42813

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.101	0.08587		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.202	0.1805		mg/Kg		90	70 - 130
o-Xylene	<0.00201	U	0.101	0.09083		mg/Kg		90	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-23046-1 MSD

Matrix: Solid

Analysis Batch: 42923

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

Prep Type: Total/NA

Prep Batch: 42813

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.08544		mg/Kg		86	70 - 130	22	35
Toluene	<0.00201	U	0.0990	0.08757		mg/Kg		88	70 - 130	8	35
Ethylbenzene	<0.00201	U	0.0990	0.07895		mg/Kg		80	70 - 130	8	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1678		mg/Kg		85	70 - 130	7	35
o-Xylene	<0.00201	U	0.0990	0.08432		mg/Kg		85	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

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

Lab Sample ID: MB 880-42831/1-A

Matrix: Solid

Analysis Batch: 42773

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42831

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/28/22 17:11	12/29/22 03:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/28/22 17:11	12/29/22 03:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/28/22 17:11	12/29/22 03:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	12/28/22 17:11	12/29/22 03:03	1
o-Terphenyl	116		70 - 130	12/28/22 17:11	12/29/22 03:03	1

Lab Sample ID: LCS 880-42831/2-A

Matrix: Solid

Analysis Batch: 42773

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42831

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1002		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1077		mg/Kg		108	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-42831/2-A

Matrix: Solid

Analysis Batch: 42773

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42831

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: LCSD 880-42831/3-A

Matrix: Solid

Analysis Batch: 42773

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42831

	Spike	LCSD	LCSD						%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit			
Gasoline Range Organics (GRO)-C6-C10	1000	767.2	*1	mg/Kg		77	70 - 130	27	20			
Diesel Range Organics (Over C10-C28)	1000	982.8		mg/Kg		98	70 - 130	9	20			

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	105		70 - 130

Lab Sample ID: 880-23046-1 MS

Matrix: Solid

Analysis Batch: 42773

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

Prep Type: Total/NA

Prep Batch: 42831

	Sample	Sample	Spike	MS	MS				%Rec			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	1173		mg/Kg		113	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	1351	F1	mg/Kg		132	70 - 130			

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: 880-23046-1 MSD

Matrix: Solid

Analysis Batch: 42773

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

Prep Type: Total/NA

Prep Batch: 42831

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	1034		mg/Kg		99	70 - 130	13	20	
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	1204		mg/Kg		117	70 - 130	11	20	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	96		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-42834/1-A

Matrix: Solid

Analysis Batch: 42861

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42834

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 13:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 13:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 13:34	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				12/29/22 08:29	12/29/22 13:34	1
o-Terphenyl	113		70 - 130				12/29/22 08:29	12/29/22 13:34	1

Lab Sample ID: LCS 880-42834/2-A

Matrix: Solid

Analysis Batch: 42861

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42834

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	918.0		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1002		mg/Kg		100	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	102		70 - 130				
o-Terphenyl	115		70 - 130				

Lab Sample ID: LCSD 880-42834/3-A

Matrix: Solid

Analysis Batch: 42861

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42834

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	824.8		mg/Kg		82	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	1088		mg/Kg		109	70 - 130	8	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	122		70 - 130						

Lab Sample ID: 880-23043-A-1-F MS

Matrix: Solid

Analysis Batch: 42861

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 42834

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	898.0		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1122		mg/Kg		112	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-23043-A-1-F MS

Matrix: Solid

Analysis Batch: 42861

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 42834

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	60	S1-	70 - 130
o-Terphenyl	53	S1-	70 - 130

Lab Sample ID: 880-23043-A-1-G MSD

Matrix: Solid

Analysis Batch: 42861

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 42834

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1005		mg/Kg		96	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	946.9		mg/Kg		95	70 - 130	17	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	62	S1-	70 - 130
o-Terphenyl	46	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-42386/1-A

Matrix: Solid

Analysis Batch: 42572

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			12/23/22 17:27	1

Lab Sample ID: LCS 880-42386/2-A

Matrix: Solid

Analysis Batch: 42572

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.3		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-42386/3-A

Matrix: Solid

Analysis Batch: 42572

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	268.9		mg/Kg		108	90 - 110	11	20

Lab Sample ID: 880-22954-A-1-E MS

Matrix: Solid

Analysis Batch: 42572

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	280	F1	250	495.4	F1	mg/Kg		86	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-22954-A-1-F MSD

Matrix: Solid

Analysis Batch: 42572

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	280	F1	250	522.1		mg/Kg		97	90 - 110	5	20

Lab Sample ID: MB 880-42710/1-A

Matrix: Solid

Analysis Batch: 42808

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			12/30/22 03:17	1

Lab Sample ID: LCS 880-42710/2-A

Matrix: Solid

Analysis Batch: 42808

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.8		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-42710/3-A

Matrix: Solid

Analysis Batch: 42808

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	252.4		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-23046-2 MS

Matrix: Solid

Analysis Batch: 42808

Client Sample ID: S-1 (1'.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	13.2	F1	251	288.5		mg/Kg		110	90 - 110

Lab Sample ID: 880-23046-2 MSD

Matrix: Solid

Analysis Batch: 42808

Client Sample ID: S-1 (1'.5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	13.2	F1	251	299.8	F1	mg/Kg		114	90 - 110	4	20

Lab Sample ID: MB 880-42711/1-A

Matrix: Solid

Analysis Batch: 42899

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			12/30/22 12:39	1

Lab Sample ID: LCS 880-42711/2-A

Matrix: Solid

Analysis Batch: 42899

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	264.7		mg/Kg		106	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-42711/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 42899											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	266.3		mg/Kg		107	90 - 110	1	20

Lab Sample ID: 880-23046-18 MS				Client Sample ID: S-6 (2')							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 42899											
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	9.70	F1	251	289.5	F1	mg/Kg		111	90 - 110		

Lab Sample ID: 880-23046-18 MSD				Client Sample ID: S-6 (2')							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 42899											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.70	F1	251	290.6	F1	mg/Kg		112	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 42813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23046-1	S-1 (0-1')	Total/NA	Solid	5035	
880-23046-2	S-1 (1'.5)	Total/NA	Solid	5035	
880-23046-3	S-1 (2')	Total/NA	Solid	5035	
880-23046-4	S-2 (0-1')	Total/NA	Solid	5035	
880-23046-5	S-2 (1.5')	Total/NA	Solid	5035	
880-23046-6	S-2 (2')	Total/NA	Solid	5035	
880-23046-7	S-3 (0-1')	Total/NA	Solid	5035	
880-23046-8	S-3 (1.5')	Total/NA	Solid	5035	
880-23046-9	S-3 (2')	Total/NA	Solid	5035	
880-23046-10	S-4 (0-1')	Total/NA	Solid	5035	
880-23046-11	S-4 (1.5')	Total/NA	Solid	5035	
880-23046-12	S-4 (2')	Total/NA	Solid	5035	
880-23046-13	S-5 (0-1')	Total/NA	Solid	5035	
880-23046-14	S-5 (1.5')	Total/NA	Solid	5035	
880-23046-15	S-5 (2')	Total/NA	Solid	5035	
880-23046-16	S-6 (0-1')	Total/NA	Solid	5035	
880-23046-17	S-6 (1.5')	Total/NA	Solid	5035	
880-23046-18	S-6 (2')	Total/NA	Solid	5035	
MB 880-42813/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-42813/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-42813/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-23046-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-23046-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 42923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23046-1	S-1 (0-1')	Total/NA	Solid	8021B	42813
880-23046-2	S-1 (1'.5)	Total/NA	Solid	8021B	42813
880-23046-3	S-1 (2')	Total/NA	Solid	8021B	42813
880-23046-4	S-2 (0-1')	Total/NA	Solid	8021B	42813
880-23046-5	S-2 (1.5')	Total/NA	Solid	8021B	42813
880-23046-6	S-2 (2')	Total/NA	Solid	8021B	42813
880-23046-7	S-3 (0-1')	Total/NA	Solid	8021B	42813
880-23046-8	S-3 (1.5')	Total/NA	Solid	8021B	42813
880-23046-9	S-3 (2')	Total/NA	Solid	8021B	42813
880-23046-10	S-4 (0-1')	Total/NA	Solid	8021B	42813
880-23046-11	S-4 (1.5')	Total/NA	Solid	8021B	42813
880-23046-12	S-4 (2')	Total/NA	Solid	8021B	42813
880-23046-13	S-5 (0-1')	Total/NA	Solid	8021B	42813
880-23046-14	S-5 (1.5')	Total/NA	Solid	8021B	42813
880-23046-15	S-5 (2')	Total/NA	Solid	8021B	42813
880-23046-16	S-6 (0-1')	Total/NA	Solid	8021B	42813
880-23046-17	S-6 (1.5')	Total/NA	Solid	8021B	42813
880-23046-18	S-6 (2')	Total/NA	Solid	8021B	42813
MB 880-42813/5-A	Method Blank	Total/NA	Solid	8021B	42813
LCS 880-42813/1-A	Lab Control Sample	Total/NA	Solid	8021B	42813
LCSD 880-42813/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	42813
880-23046-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	42813
880-23046-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	42813

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 43009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23046-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-23046-2	S-1 (1'.5)	Total/NA	Solid	Total BTEX	
880-23046-3	S-1 (2')	Total/NA	Solid	Total BTEX	
880-23046-4	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-23046-5	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-23046-6	S-2 (2')	Total/NA	Solid	Total BTEX	
880-23046-7	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-23046-8	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-23046-9	S-3 (2')	Total/NA	Solid	Total BTEX	
880-23046-10	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-23046-11	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-23046-12	S-4 (2')	Total/NA	Solid	Total BTEX	
880-23046-13	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-23046-14	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-23046-15	S-5 (2')	Total/NA	Solid	Total BTEX	
880-23046-16	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-23046-17	S-6 (1.5')	Total/NA	Solid	Total BTEX	
880-23046-18	S-6 (2')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 42773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23046-1	S-1 (0-1')	Total/NA	Solid	8015B NM	42831
880-23046-2	S-1 (1'.5)	Total/NA	Solid	8015B NM	42831
880-23046-3	S-1 (2')	Total/NA	Solid	8015B NM	42831
880-23046-4	S-2 (0-1')	Total/NA	Solid	8015B NM	42831
880-23046-5	S-2 (1.5')	Total/NA	Solid	8015B NM	42831
880-23046-6	S-2 (2')	Total/NA	Solid	8015B NM	42831
880-23046-7	S-3 (0-1')	Total/NA	Solid	8015B NM	42831
880-23046-8	S-3 (1.5')	Total/NA	Solid	8015B NM	42831
880-23046-9	S-3 (2')	Total/NA	Solid	8015B NM	42831
MB 880-42831/1-A	Method Blank	Total/NA	Solid	8015B NM	42831
LCS 880-42831/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	42831
LCSD 880-42831/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	42831
880-23046-1 MS	S-1 (0-1')	Total/NA	Solid	8015B NM	42831
880-23046-1 MSD	S-1 (0-1')	Total/NA	Solid	8015B NM	42831

Prep Batch: 42831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23046-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-23046-2	S-1 (1'.5)	Total/NA	Solid	8015NM Prep	
880-23046-3	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-23046-4	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-23046-5	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-23046-6	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-23046-7	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-23046-8	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-23046-9	S-3 (2')	Total/NA	Solid	8015NM Prep	
MB 880-42831/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-42831/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 42831 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-42831/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-23046-1 MS	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-23046-1 MSD	S-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 42834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23046-10	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-23046-11	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-23046-12	S-4 (2')	Total/NA	Solid	8015NM Prep	
880-23046-13	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-23046-14	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-23046-15	S-5 (2')	Total/NA	Solid	8015NM Prep	
880-23046-16	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-23046-17	S-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-23046-18	S-6 (2')	Total/NA	Solid	8015NM Prep	
MB 880-42834/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-42834/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-42834/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-23043-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-23043-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 42861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23046-10	S-4 (0-1')	Total/NA	Solid	8015B NM	42834
880-23046-11	S-4 (1.5')	Total/NA	Solid	8015B NM	42834
880-23046-12	S-4 (2')	Total/NA	Solid	8015B NM	42834
880-23046-13	S-5 (0-1')	Total/NA	Solid	8015B NM	42834
880-23046-14	S-5 (1.5')	Total/NA	Solid	8015B NM	42834
880-23046-15	S-5 (2')	Total/NA	Solid	8015B NM	42834
880-23046-16	S-6 (0-1')	Total/NA	Solid	8015B NM	42834
880-23046-17	S-6 (1.5')	Total/NA	Solid	8015B NM	42834
880-23046-18	S-6 (2')	Total/NA	Solid	8015B NM	42834
MB 880-42834/1-A	Method Blank	Total/NA	Solid	8015B NM	42834
LCS 880-42834/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	42834
LCSD 880-42834/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	42834
880-23043-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	42834
880-23043-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	42834

Analysis Batch: 42903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23046-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-23046-2	S-1 (1'.5)	Total/NA	Solid	8015 NM	
880-23046-3	S-1 (2')	Total/NA	Solid	8015 NM	
880-23046-4	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-23046-5	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-23046-6	S-2 (2')	Total/NA	Solid	8015 NM	
880-23046-7	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-23046-8	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-23046-9	S-3 (2')	Total/NA	Solid	8015 NM	
880-23046-10	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-23046-11	S-4 (1.5')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 42903 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23046-12	S-4 (2')	Total/NA	Solid	8015 NM	
880-23046-13	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-23046-14	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-23046-15	S-5 (2')	Total/NA	Solid	8015 NM	
880-23046-16	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-23046-17	S-6 (1.5')	Total/NA	Solid	8015 NM	
880-23046-18	S-6 (2')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 42386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23046-12	S-4 (2')	Soluble	Solid	DI Leach	
880-23046-13	S-5 (0-1')	Soluble	Solid	DI Leach	
880-23046-14	S-5 (1.5')	Soluble	Solid	DI Leach	
880-23046-15	S-5 (2')	Soluble	Solid	DI Leach	
880-23046-16	S-6 (0-1')	Soluble	Solid	DI Leach	
880-23046-17	S-6 (1.5')	Soluble	Solid	DI Leach	
MB 880-42386/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-42386/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-42386/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-22954-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-22954-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 42572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23046-12	S-4 (2')	Soluble	Solid	300.0	42386
880-23046-13	S-5 (0-1')	Soluble	Solid	300.0	42386
880-23046-14	S-5 (1.5')	Soluble	Solid	300.0	42386
880-23046-15	S-5 (2')	Soluble	Solid	300.0	42386
880-23046-16	S-6 (0-1')	Soluble	Solid	300.0	42386
880-23046-17	S-6 (1.5')	Soluble	Solid	300.0	42386
MB 880-42386/1-A	Method Blank	Soluble	Solid	300.0	42386
LCS 880-42386/2-A	Lab Control Sample	Soluble	Solid	300.0	42386
LCSD 880-42386/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	42386
880-22954-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	42386
880-22954-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	42386

Leach Batch: 42710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23046-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-23046-2	S-1 (1'.5)	Soluble	Solid	DI Leach	
880-23046-3	S-1 (2')	Soluble	Solid	DI Leach	
880-23046-4	S-2 (0-1')	Soluble	Solid	DI Leach	
880-23046-5	S-2 (1.5')	Soluble	Solid	DI Leach	
880-23046-6	S-2 (2')	Soluble	Solid	DI Leach	
880-23046-7	S-3 (0-1')	Soluble	Solid	DI Leach	
880-23046-8	S-3 (1.5')	Soluble	Solid	DI Leach	
880-23046-9	S-3 (2')	Soluble	Solid	DI Leach	
880-23046-10	S-4 (0-1')	Soluble	Solid	DI Leach	
880-23046-11	S-4 (1.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 42710 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-42710/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-42710/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-42710/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-23046-2 MS	S-1 (1'.5)	Soluble	Solid	DI Leach	
880-23046-2 MSD	S-1 (1'.5)	Soluble	Solid	DI Leach	

Leach Batch: 42711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23046-18	S-6 (2')	Soluble	Solid	DI Leach	
MB 880-42711/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-42711/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-42711/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-23046-18 MS	S-6 (2')	Soluble	Solid	DI Leach	
880-23046-18 MSD	S-6 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 42808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23046-1	S-1 (0-1')	Soluble	Solid	300.0	42710
880-23046-2	S-1 (1'.5)	Soluble	Solid	300.0	42710
880-23046-3	S-1 (2')	Soluble	Solid	300.0	42710
880-23046-4	S-2 (0-1')	Soluble	Solid	300.0	42710
880-23046-5	S-2 (1.5')	Soluble	Solid	300.0	42710
880-23046-6	S-2 (2')	Soluble	Solid	300.0	42710
880-23046-7	S-3 (0-1')	Soluble	Solid	300.0	42710
880-23046-8	S-3 (1.5')	Soluble	Solid	300.0	42710
880-23046-9	S-3 (2')	Soluble	Solid	300.0	42710
880-23046-10	S-4 (0-1')	Soluble	Solid	300.0	42710
880-23046-11	S-4 (1.5')	Soluble	Solid	300.0	42710
MB 880-42710/1-A	Method Blank	Soluble	Solid	300.0	42710
LCS 880-42710/2-A	Lab Control Sample	Soluble	Solid	300.0	42710
LCSD 880-42710/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	42710
880-23046-2 MS	S-1 (1'.5)	Soluble	Solid	300.0	42710
880-23046-2 MSD	S-1 (1'.5)	Soluble	Solid	300.0	42710

Analysis Batch: 42899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23046-18	S-6 (2')	Soluble	Solid	300.0	42711
MB 880-42711/1-A	Method Blank	Soluble	Solid	300.0	42711
LCS 880-42711/2-A	Lab Control Sample	Soluble	Solid	300.0	42711
LCSD 880-42711/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	42711
880-23046-18 MS	S-6 (2')	Soluble	Solid	300.0	42711
880-23046-18 MSD	S-6 (2')	Soluble	Solid	300.0	42711

Lab Chronicle

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-23046-1

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 12:17	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42903	12/29/22 13:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	42831	12/28/22 17:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42773	12/29/22 04:09	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 05:37	CH	EET MID

Client Sample ID: S-1 (1'.5)

Lab Sample ID: 880-23046-2

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 12:38	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42903	12/29/22 13:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	42831	12/28/22 17:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42773	12/29/22 05:14	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 05:45	CH	EET MID

Client Sample ID: S-1 (2')

Lab Sample ID: 880-23046-3

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 12:58	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42903	12/29/22 13:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	42831	12/28/22 17:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42773	12/29/22 05:36	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 06:12	CH	EET MID

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-23046-4

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 13:19	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-23046-4

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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			42903	12/29/22 13:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	42831	12/28/22 17:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42773	12/29/22 05:58	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 06:20	CH	EET MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-23046-5

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 13:40	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42903	12/29/22 13:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	42831	12/28/22 17:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42773	12/29/22 06:20	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 06:47	CH	EET MID

Client Sample ID: S-2 (2')

Lab Sample ID: 880-23046-6

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 14:00	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42903	12/29/22 13:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	42831	12/28/22 17:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42773	12/29/22 06:41	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 06:55	CH	EET MID

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-23046-7

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 14:21	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42903	12/29/22 13:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	42831	12/28/22 17:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42773	12/29/22 07:03	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-23046-7

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 07:04	CH	EET MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-23046-8

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 14:41	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42903	12/29/22 13:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	42831	12/28/22 17:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42773	12/29/22 07:24	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 07:13	CH	EET MID

Client Sample ID: S-3 (2')

Lab Sample ID: 880-23046-9

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 15:02	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42903	12/29/22 13:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	42831	12/28/22 17:11	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42773	12/29/22 07:43	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 07:21	CH	EET MID

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-23046-10

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 15:22	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42903	12/30/22 12:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	42834	12/29/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42861	12/29/22 16:42	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 07:30	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-23046-11

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 17:37	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42903	12/30/22 12:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	42834	12/29/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42861	12/29/22 17:04	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	42710	12/27/22 13:26	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42808	12/30/22 07:39	CH	EET MID

Client Sample ID: S-4 (2')

Lab Sample ID: 880-23046-12

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 17:57	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42903	12/30/22 12:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	42834	12/29/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42861	12/29/22 17:25	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	42386	12/22/22 17:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42572	12/23/22 19:31	CH	EET MID

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-23046-13

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 18:18	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42903	12/30/22 12:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	42834	12/29/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42861	12/29/22 17:46	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	42386	12/22/22 17:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42572	12/23/22 19:36	CH	EET MID

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-23046-14

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 18:38	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-23046-14

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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			42903	12/30/22 12:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	42834	12/29/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42861	12/29/22 18:08	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	42386	12/22/22 17:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42572	12/23/22 19:41	CH	EET MID

Client Sample ID: S-5 (2')

Lab Sample ID: 880-23046-15

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 18:59	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42903	12/30/22 12:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	42834	12/29/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42861	12/29/22 18:29	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	42386	12/22/22 17:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42572	12/23/22 19:46	CH	EET MID

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-23046-16

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 19:19	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42903	12/30/22 12:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	42834	12/29/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42861	12/29/22 19:13	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	42386	12/22/22 17:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42572	12/23/22 19:51	CH	EET MID

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-23046-17

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 19:40	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42903	12/30/22 12:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	42834	12/29/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42861	12/29/22 19:34	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-23046-17

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	42386	12/22/22 17:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42572	12/23/22 19:56	CH	EET MID

Client Sample ID: S-6 (2')

Lab Sample ID: 880-23046-18

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42813	12/28/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42923	12/30/22 20:01	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			43009	12/31/22 10:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42903	12/30/22 12:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	42834	12/29/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42861	12/29/22 19:56	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	42711	12/27/22 13:27	KS	EET MID
Soluble	Analysis	300.0		1			42899	12/30/22 12:53	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy 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	T104704400-22-25	06-30-23

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy 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: Bear Bryant 31 Federal Com #001

Job ID: 880-23046-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-23046-1	S-1 (0-1')	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-2	S-1 (1'.5)	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-3	S-1 (2')	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-4	S-2 (0-1')	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-5	S-2 (1.5')	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-6	S-2 (2')	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-7	S-3 (0-1')	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-8	S-3 (1.5')	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-9	S-3 (2')	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-10	S-4 (0-1')	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-11	S-4 (1.5')	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-12	S-4 (2')	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-13	S-5 (0-1')	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-14	S-5 (1.5')	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-15	S-5 (2')	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-16	S-6 (0-1')	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-17	S-6 (1.5')	Solid	12/20/22 00:00	12/22/22 13:34
880-23046-18	S-6 (2')	Solid	12/20/22 00:00	12/22/22 13:34

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Work Order No: 236410

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Project Manager	Ashton Thielke	Bill to (if different)	Laci Lung
Company Name	Carmona Resources	Company Name	Cimarex Energy
Address	310 West Wall Ste 415	Address	600 N Marientfield St, Suite 600
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79701
Phone	432-813-5347	Email	laci.lung@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other	

Project Name	Bear Bryant 31 Federal Com #001	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes									
Project Number	1198	Due Date	TAT starts the day received by the lab if received by 4:30pm												None NO	DI Water H ₂ O								
Project Location	Eddy Co, NM														Cool Cool	MeOH Me								
Sampler's Name	MM														HCL HC	HNO ₃ HN								
PO #															H ₂ SO ₄ H ₂	NaOH Na								
SAMPLE RECEIPT				Temp Blank	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Well Ice	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											H ₃ PO ₄ HP						
Received Inact.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID													NaHSO ₄ NABIS									
Cooler Custody Seals.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor													Na ₂ S ₂ O ₃ NaSO ₃									
Sample Custody Seals	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading													Zn Acetate+NaOH Zn									
Total Containers.		Corrected Temperature													NaOH+Ascorbic Acid SAPC									
Sample Identification				Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B										Sample Comments				
S-1 (0-1')				12/20/2022		X		Grab/	1	X	X	X	X											462
S-1 (1 5')				12/20/2022		X		Grab/	1	X	X	X	X											
S-1 (2')				12/20/2022		X		Grab/	1	X	X	X	X											
S-2 (0-1')				12/20/2022		X		Grab/	1	X	X	X	X											
S-2 (1 5')				12/20/2022		X		Grab/	1	X	X	X	X											
S-2 (2')				12/20/2022		X		Grab/	1	X	X	X	X											
S-3 (0-1')				12/20/2022		X		Grab/	1	X	X	X	X											
S-3 (1 5')				12/20/2022		X		Grab/	1	X	X	X	X											
S-3 (2')				12/20/2022		X		Grab/	1	X	X	X	X											
S-4 (0-1')				12/20/2022		X		Grab/	1	X	X	X	X											

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	12/22/2022			

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Work Order No: 23046

Page 2 of 2

Project Manager	Ashton Thielke	Bill to: (if different)	Laci Luing
Company Name	Carmona Resources	Company Name	Cimarex Energy
Address	310 West Wall Ste 415	Address	600 N Marientfield St, Suite 600
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79701
Phone	432-813-5347	Email	laci.luing@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other

Project Name		Bear Bryant 31 Federal Com #001		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number	1198	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Due Date		TAT starts the day received by the lab, if received by 4:30pm														None NO	DI Water H ₂ O
Project Location	Eddy Co, NM																			Cool Cool	MeOH Me
Sampler's Name	MM																			HCL HC	HNO ₃ HN
PO #																				H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT		Temp Blank	Yes No	Thermometer ID	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP	
Received Intact:	Yes No																			NaHSO ₄ NABIS	
Cooler Custody Seals:	Yes No																			Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes No																			Zn Acetate+NaOH Zn	
Total Containers																				NaOH+Ascorbic Acid SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
S-4 (1 5')		12/20/2022		X		Grab/	1	X	X	X											
S-4 (2')		12/20/2022		X		Grab/	1	X	X	X											
S-5 (0-1')		12/20/2022		X		Grab/	1	X	X	X											
S-5 (1 5')		12/20/2022		X		Grab/	1	X	X	X											
S-5 (2')		12/20/2022		X		Grab/	1	X	X	X											
S-6 (0-1')		12/20/2022		X		Grab/	1	X	X	X											
S-6 (1 5')		12/20/2022		X		Grab/	1	X	X	X											
S-6 (2')		12/20/2022		X		Grab/	1	X	X	X											

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
		12/27 1:34			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-23046-1

SDG Number: Eddy Co, NM

Login Number: 23046

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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/30/2022 3:14:53 PM

JOB DESCRIPTION

Bear Bryant 31 Federal Com #001
SDG NUMBER Eddy Co,NM

JOB NUMBER


880-23043-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Eurofins Midland**Job Notes**

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

Authorization

Generated
12/30/2022 3:14:53 PM

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

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Laboratory Job ID: 880-23043-1
SDG: Eddy Co,NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy Co,NM

Qualifiers

GC VOA

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

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy Co,NM

Job ID: 880-23043-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-23043-1****Receipt**

The samples were received on 12/22/2022 1:34 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-23043-1), H-2 (0-0.5') (880-23043-2), H-3 (0-0.5') (880-23043-3) and H-4 (0-0.5') (880-23043-4).

GC VOA

Method 8021B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 880-42758 and analytical batch 880-42900 recovered outside control limits for the following analytes: m-Xylene & p-Xylene and o-Xylene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

GC Semi VOA

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-42709 and analytical batch 880-42810 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy Co,NM

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

Lab Sample ID: 880-23043-1

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/27/22 16:46	12/30/22 01:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/27/22 16:46	12/30/22 01:28	1
Ethylbenzene	<0.00199	U **	0.00199		mg/Kg		12/27/22 16:46	12/30/22 01:28	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		12/27/22 16:46	12/30/22 01:28	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		12/27/22 16:46	12/30/22 01:28	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		12/27/22 16:46	12/30/22 01:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	165	S1+	70 - 130	12/27/22 16:46	12/30/22 01:28	1
1,4-Difluorobenzene (Surr)	71		70 - 130	12/27/22 16:46	12/30/22 01:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/30/22 12:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/30/22 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 14:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 14:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130	12/29/22 08:29	12/29/22 14:37	1
o-Terphenyl	125		70 - 130	12/29/22 08:29	12/29/22 14:37	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.2	F1 F2	5.03		mg/Kg			12/30/22 03:32	1

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

Lab Sample ID: 880-23043-2

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/27/22 16:46	12/30/22 01:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/27/22 16:46	12/30/22 01:54	1
Ethylbenzene	<0.00199	U **	0.00199		mg/Kg		12/27/22 16:46	12/30/22 01:54	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		12/27/22 16:46	12/30/22 01:54	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		12/27/22 16:46	12/30/22 01:54	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		12/27/22 16:46	12/30/22 01:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	194	S1+	70 - 130	12/27/22 16:46	12/30/22 01:54	1
1,4-Difluorobenzene (Surr)	80		70 - 130	12/27/22 16:46	12/30/22 01:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy Co,NM

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

Lab Sample ID: 880-23043-2

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/30/22 12:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/30/22 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 15:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 15:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 15:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130				12/29/22 08:29	12/29/22 15:41	1
o-Terphenyl	125		70 - 130				12/29/22 08:29	12/29/22 15:41	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			12/30/22 03:46	1

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

Lab Sample ID: 880-23043-3

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/27/22 16:46	12/30/22 02:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/27/22 16:46	12/30/22 02:20	1
Ethylbenzene	<0.00200	U **	0.00200		mg/Kg		12/27/22 16:46	12/30/22 02:20	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		12/27/22 16:46	12/30/22 02:20	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		12/27/22 16:46	12/30/22 02:20	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		12/27/22 16:46	12/30/22 02:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	199	S1+	70 - 130				12/27/22 16:46	12/30/22 02:20	1
1,4-Difluorobenzene (Surr)	75		70 - 130				12/27/22 16:46	12/30/22 02:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/30/22 12:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/30/22 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 16:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 16:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy Co,NM

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

Lab Sample ID: 880-23043-3

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/29/22 08:29	12/29/22 16:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				12/29/22 08:29	12/29/22 16:01	1
o-Terphenyl	105		70 - 130				12/29/22 08:29	12/29/22 16:01	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.79		4.97		mg/Kg			12/30/22 03:50	1

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

Lab Sample ID: 880-23043-4

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/27/22 16:46	12/30/22 02:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/27/22 16:46	12/30/22 02:46	1
Ethylbenzene	<0.00201	U **	0.00201		mg/Kg		12/27/22 16:46	12/30/22 02:46	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		12/27/22 16:46	12/30/22 02:46	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		12/27/22 16:46	12/30/22 02:46	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		12/27/22 16:46	12/30/22 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	195	S1+	70 - 130				12/27/22 16:46	12/30/22 02:46	1
1,4-Difluorobenzene (Surr)	78		70 - 130				12/27/22 16:46	12/30/22 02:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/30/22 12:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/30/22 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/29/22 08:29	12/29/22 16:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/29/22 08:29	12/29/22 16:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/29/22 08:29	12/29/22 16:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				12/29/22 08:29	12/29/22 16:21	1
o-Terphenyl	120		70 - 130				12/29/22 08:29	12/29/22 16:21	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			12/30/22 03:55	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy 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)
880-23043-1	H-1 (0-0.5')	165 S1+	71
880-23043-2	H-2 (0-0.5')	194 S1+	80
880-23043-3	H-3 (0-0.5')	199 S1+	75
880-23043-4	H-4 (0-0.5')	195 S1+	78
890-3687-A-1-C MS	Matrix Spike	198 S1+	79
890-3687-A-1-D MSD	Matrix Spike Duplicate	182 S1+	74
LCS 880-42758/1-A	Lab Control Sample	189 S1+	86
LCSD 880-42758/2-A	Lab Control Sample Dup	197 S1+	80
MB 880-42758/5-A	Method Blank	124	72
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)
880-23043-1	H-1 (0-0.5')	136 S1+	125
880-23043-1 MS	H-1 (0-0.5')	60 S1-	53 S1-
880-23043-1 MSD	H-1 (0-0.5')	62 S1-	46 S1-
880-23043-2	H-2 (0-0.5')	135 S1+	125
880-23043-3	H-3 (0-0.5')	111	105
880-23043-4	H-4 (0-0.5')	129	120
LCS 880-42834/2-A	Lab Control Sample	102	115
LCSD 880-42834/3-A	Lab Control Sample Dup	110	122
MB 880-42834/1-A	Method Blank	113	113
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy Co,NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-42758/5-A

Matrix: Solid

Analysis Batch: 42900

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42758

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/27/22 16:46	12/29/22 17:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/27/22 16:46	12/29/22 17:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/27/22 16:46	12/29/22 17:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/27/22 16:46	12/29/22 17:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/27/22 16:46	12/29/22 17:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/27/22 16:46	12/29/22 17:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	12/27/22 16:46	12/29/22 17:39	1
1,4-Difluorobenzene (Surr)	72		70 - 130	12/27/22 16:46	12/29/22 17:39	1

Lab Sample ID: LCS 880-42758/1-A

Matrix: Solid

Analysis Batch: 42900

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42758

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1142		mg/Kg		114	70 - 130
Toluene	0.100	0.1112		mg/Kg		111	70 - 130
Ethylbenzene	0.100	0.1288		mg/Kg		129	70 - 130
m-Xylene & p-Xylene	0.200	0.2632	*+	mg/Kg		132	70 - 130
o-Xylene	0.100	0.1327	*+	mg/Kg		133	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	189	S1+	70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: LCSD 880-42758/2-A

Matrix: Solid

Analysis Batch: 42900

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42758

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1196		mg/Kg		120	70 - 130	5	35
Toluene	0.100	0.1153		mg/Kg		115	70 - 130	4	35
Ethylbenzene	0.100	0.1402	*+	mg/Kg		140	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2850	*+	mg/Kg		142	70 - 130	8	35
o-Xylene	0.100	0.1412	*+	mg/Kg		141	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	197	S1+	70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

Lab Sample ID: 890-3687-A-1-C MS

Matrix: Solid

Analysis Batch: 42900

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 42758

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.1138		mg/Kg		113	70 - 130
Toluene	<0.00202	U	0.100	0.1086		mg/Kg		108	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy Co,NM

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

Lab Sample ID: 890-3687-A-1-C MS

Matrix: Solid

Analysis Batch: 42900

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 42758

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U *	0.100	0.1300		mg/Kg		129	70 - 130
m-Xylene & p-Xylene	<0.00403	U *+ F1	0.201	0.2635	F1	mg/Kg		131	70 - 130
o-Xylene	<0.00202	U *	0.100	0.1281		mg/Kg		128	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	198	S1+	70 - 130
1,4-Difluorobenzene (Surr)	79		70 - 130

Lab Sample ID: 890-3687-A-1-D MSD

Matrix: Solid

Analysis Batch: 42900

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 42758

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0990	0.1047		mg/Kg		106	70 - 130	8	35
Toluene	<0.00202	U	0.0990	0.1008		mg/Kg		102	70 - 130	8	35
Ethylbenzene	<0.00202	U *	0.0990	0.1192		mg/Kg		120	70 - 130	9	35
m-Xylene & p-Xylene	<0.00403	U *+ F1	0.198	0.2400		mg/Kg		121	70 - 130	9	35
o-Xylene	<0.00202	U *	0.0990	0.1186		mg/Kg		120	70 - 130	8	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	182	S1+	70 - 130
1,4-Difluorobenzene (Surr)	74		70 - 130

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

Lab Sample ID: MB 880-42834/1-A

Matrix: Solid

Analysis Batch: 42861

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 42834

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 13:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 13:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/22 08:29	12/29/22 13:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	12/29/22 08:29	12/29/22 13:34	1
o-Terphenyl	113		70 - 130	12/29/22 08:29	12/29/22 13:34	1

Lab Sample ID: LCS 880-42834/2-A

Matrix: Solid

Analysis Batch: 42861

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42834

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	918.0		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1002		mg/Kg		100	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy Co,NM

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

Lab Sample ID: LCS 880-42834/2-A

Matrix: Solid

Analysis Batch: 42861

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 42834

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: LCSD 880-42834/3-A

Matrix: Solid

Analysis Batch: 42861

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 42834

	Spike	LCSD	LCSD						%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit			
Gasoline Range Organics (GRO)-C6-C10	1000	824.8		mg/Kg		82	70 - 130	11	20			
Diesel Range Organics (Over C10-C28)	1000	1088		mg/Kg		109	70 - 130	8	20			

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	122		70 - 130

Lab Sample ID: 880-23043-1 MS

Matrix: Solid

Analysis Batch: 42861

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

Prep Type: Total/NA

Prep Batch: 42834

	Sample	Sample	Spike	MS	MS				%Rec			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	898.0		mg/Kg		85	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1122		mg/Kg		112	70 - 130			

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	60	S1-	70 - 130
o-Terphenyl	53	S1-	70 - 130

Lab Sample ID: 880-23043-1 MSD

Matrix: Solid

Analysis Batch: 42861

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

Prep Type: Total/NA

Prep Batch: 42834

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1005		mg/Kg		96	70 - 130	11	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	946.9		mg/Kg		95	70 - 130	17	20	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	62	S1-	70 - 130
o-Terphenyl	46	S1-	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy Co,NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-42709/1-A

Matrix: Solid

Analysis Batch: 42810

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			12/30/22 03:17	1

Lab Sample ID: LCS 880-42709/2-A

Matrix: Solid

Analysis Batch: 42810

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.4		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-42709/3-A

Matrix: Solid

Analysis Batch: 42810

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	252.2		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-23043-1 MS

Matrix: Solid

Analysis Batch: 42810

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	14.2	F1 F2	252	213.5	F1	mg/Kg		79	90 - 110

Lab Sample ID: 880-23043-1 MSD

Matrix: Solid

Analysis Batch: 42810

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14.2	F1 F2	252	271.8	F2	mg/Kg		102	90 - 110	24	20

QC Association Summary

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy Co,NM

GC VOA

Prep Batch: 42758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23043-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-23043-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-23043-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-23043-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-42758/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-42758/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-42758/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3687-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-3687-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 42900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23043-1	H-1 (0-0.5')	Total/NA	Solid	8021B	42758
880-23043-2	H-2 (0-0.5')	Total/NA	Solid	8021B	42758
880-23043-3	H-3 (0-0.5')	Total/NA	Solid	8021B	42758
880-23043-4	H-4 (0-0.5')	Total/NA	Solid	8021B	42758
MB 880-42758/5-A	Method Blank	Total/NA	Solid	8021B	42758
LCS 880-42758/1-A	Lab Control Sample	Total/NA	Solid	8021B	42758
LCSD 880-42758/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	42758
890-3687-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	42758
890-3687-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	42758

Analysis Batch: 42965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23043-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-23043-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-23043-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-23043-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 42834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23043-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-23043-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-23043-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-23043-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-42834/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-42834/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-42834/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-23043-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-23043-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 42861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23043-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	42834
880-23043-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	42834
880-23043-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	42834
880-23043-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	42834
MB 880-42834/1-A	Method Blank	Total/NA	Solid	8015B NM	42834
LCS 880-42834/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	42834

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QC Association Summary

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy Co,NM

GC Semi VOA (Continued)

Analysis Batch: 42861 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-42834/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	42834
880-23043-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015B NM	42834
880-23043-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015B NM	42834

Analysis Batch: 42955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23043-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-23043-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-23043-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-23043-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 42709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23043-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-23043-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-23043-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-23043-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-42709/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-42709/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-42709/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-23043-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-23043-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 42810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23043-1	H-1 (0-0.5')	Soluble	Solid	300.0	42709
880-23043-2	H-2 (0-0.5')	Soluble	Solid	300.0	42709
880-23043-3	H-3 (0-0.5')	Soluble	Solid	300.0	42709
880-23043-4	H-4 (0-0.5')	Soluble	Solid	300.0	42709
MB 880-42709/1-A	Method Blank	Soluble	Solid	300.0	42709
LCS 880-42709/2-A	Lab Control Sample	Soluble	Solid	300.0	42709
LCSD 880-42709/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	42709
880-23043-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	42709
880-23043-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	42709

Lab Chronicle

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy Co,NM

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

Lab Sample ID: 880-23043-1

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	42758	12/27/22 16:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42900	12/30/22 01:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42965	12/30/22 12:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42955	12/30/22 12:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	42834	12/29/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42861	12/29/22 14:37	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	42709	12/27/22 13:25	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42810	12/30/22 03:32	CH	EET MID

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

Lab Sample ID: 880-23043-2

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42758	12/27/22 16:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42900	12/30/22 01:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42965	12/30/22 12:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42955	12/30/22 12:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	42834	12/29/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42861	12/29/22 15:41	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	42709	12/27/22 13:25	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42810	12/30/22 03:46	CH	EET MID

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

Lab Sample ID: 880-23043-3

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

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	42758	12/27/22 16:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42900	12/30/22 02:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42965	12/30/22 12:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			42955	12/30/22 12:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	42834	12/29/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42861	12/29/22 16:01	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	42709	12/27/22 13:25	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42810	12/30/22 03:50	CH	EET MID

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

Lab Sample ID: 880-23043-4

Date Collected: 12/20/22 00:00

Matrix: Solid

Date Received: 12/22/22 13:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	42758	12/27/22 16:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	42900	12/30/22 02:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42965	12/30/22 12:53	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy Co,NM

Client Sample ID: H-4 (0-0.5') Lab Sample ID: 880-23043-4
Date Collected: 12/20/22 00:00 Matrix: Solid
Date Received: 12/22/22 13:34

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			42955	12/30/22 12:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	42834	12/29/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42861	12/29/22 16:21	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	42709	12/27/22 13:25	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42810	12/30/22 03:55	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy 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	T104704400-22-25	06-30-23

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy 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: Bear Bryant 31 Federal Com #001

Job ID: 880-23043-1
SDG: Eddy Co,NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-23043-1	H-1 (0-0.5')	Solid	12/20/22 00:00	12/22/22 13:34
880-23043-2	H-2 (0-0.5')	Solid	12/20/22 00:00	12/22/22 13:34
880-23043-3	H-3 (0-0.5')	Solid	12/20/22 00:00	12/22/22 13:34
880-23043-4	H-4 (0-0.5')	Solid	12/20/22 00:00	12/22/22 13:34

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

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 West Wall Ste 415	Address:	600 N Mainfield St, Suite 600
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79701
Phone	432-813-5347	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> brownfields <input type="checkbox"/> RRC <input type="checkbox"/> superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other	

Work Order No: 236413

[illegible]

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	12/22/21	2		
3			4		
5			6		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-23043-1

SDG Number: Eddy Co,NM

Login Number: 23043

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	

Bear Bryant 31 Federal #001

Cimarex Energy Co. of Colorado
AP# 30-015-34906
Eddy County, NM
Test Trench Map

Legend

▣ Test Trench



TT-2

TT-1

TT-3

TT-4



200 ft

Bear Bryant 31 Federal #001**Test Trench Data**

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	100 mg/kg			100 mg/kg	600 mg/kg
TT-1	10/12/2022	0-1'	ND	ND	ND	ND	ND	0	64
		2'	ND	ND	ND	ND	ND	0	64
		3'	ND	ND	ND	ND	ND	0	96
		4'	ND	ND	ND	ND	ND	0	32
TT-2	10/12/2022	0-1'	ND	ND	ND	ND	ND	0	288
		2'	ND	ND	ND	ND	ND	0	176
		3'	ND	ND	ND	ND	ND	0	48
		4'	ND	ND	ND	ND	ND	0	96
TT-3	10/12/2022	0-1'	ND	ND	ND	ND	ND	0	304
		2'	ND	ND	ND	ND	ND	0	176
		3'	ND	ND	ND	ND	ND	0	144
		4'	ND	ND	ND	ND	ND	0	48
TT-4	10/12/2022	0-1'	ND	ND	ND	ND	ND	0	80
		2'	ND	ND	ND	ND	ND	0	80
		3'	ND	ND	ND	ND	ND	0	64
		4'	ND	ND	ND	ND	ND	0	16
TT-1B	10/12/2022	0-1'	ND	ND	ND	ND	ND	0	976
		2'	ND	ND	ND	ND	ND	0	80
		3'	ND	ND	ND	ND	ND	0	96
		4'	ND	ND	ND	ND	ND	0	32
TT-2B	10/12/2022	0-1'	ND	ND	ND	ND	ND	0	288
		2'	ND	ND	ND	ND	ND	0	80
		3'	ND	ND	ND	ND	ND	0	48
		4'	ND	ND	ND	ND	ND	0	32
TT-3B	10/12/2022	0-1'	ND	ND	ND	ND	ND	0	112
		2'	ND	ND	ND	ND	ND	0	64
		3'	ND	ND	ND	ND	ND	0	112
		4'	ND	ND	ND	ND	ND	0	48
ND = Analyte Not Detected TT- Test Trench									



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

November 04, 2022

MICHAEL COLLIER

H & R ENTERPRISES

1010 GAMBLIN ROAD

HOBBS, NM 88240

RE: BEAR BRYANT 31 FED #001 (BEAR BRYANT)

Enclosed are the results of analyses for samples received by the laboratory on 10/27/22 15:08.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/27/2022	Sampling Date:	10/26/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	EDDY COUNTY, NM	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: NE 0-1' (H225084-01)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/03/2022	ND	1.88	93.8	2.00	3.51		
Toluene*	<0.050	0.050	11/03/2022	ND	2.10	105	2.00	3.06		
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	1.99	99.5	2.00	3.02		
Total Xylenes*	<0.150	0.150	11/03/2022	ND	5.98	99.7	6.00	2.74		
Total BTEx	<0.300	0.300	11/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/01/2022	ND	416	104	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	186	93.2	200	1.18	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	182	91.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/27/2022	Sampling Date:	10/26/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	EDDY COUNTY, NM	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: NW 0-1' (H225084-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/03/2022	ND	1.88	93.8	2.00	3.51		
Toluene*	<0.050	0.050	11/03/2022	ND	2.10	105	2.00	3.06		
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	1.99	99.5	2.00	3.02		
Total Xylenes*	<0.150	0.150	11/03/2022	ND	5.98	99.7	6.00	2.74		
Total BTEX	<0.300	0.300	11/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/01/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	186	93.2	200	1.18	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	182	91.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.3 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/27/2022	Sampling Date:	10/26/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	EDDY COUNTY, NM	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: SE 0-1' (H225084-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/04/2022	ND	1.88	93.8	2.00	3.51		
Toluene*	<0.050	0.050	11/04/2022	ND	2.10	105	2.00	3.06		
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.99	99.5	2.00	3.02		
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.98	99.7	6.00	2.74		
Total BTEx	<0.300	0.300	11/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/01/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	186	93.2	200	1.18	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	182	91.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/27/2022	Sampling Date:	10/26/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	EDDY COUNTY, NM	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: SW 0-1' (H225084-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/04/2022	ND	1.88	93.8	2.00	3.51		
Toluene*	<0.050	0.050	11/04/2022	ND	2.10	105	2.00	3.06		
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.99	99.5	2.00	3.02		
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.98	99.7	6.00	2.74		
Total BTEx	<0.300	0.300	11/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/01/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	186	93.2	200	1.18	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	182	91.2	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 95.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

October 14, 2022

MICHAEL COLLIER
H & R ENTERPRISES
1010 GAMBLIN ROAD
HOBBS, NM 88240

RE: BEAR BRYANT 31 FED #001 (BEAR BRYANT)

Enclosed are the results of analyses for samples received by the laboratory on 10/13/22 12:14.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 1 0-1' (H224833-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225	
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269	
Total BTX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 1 2' (H224833-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 1 3' (H224833-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 1 4' (H224833-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 2 0-1' (H224833-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 2 2' (H224833-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225	
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269	
Total BTEx	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/13/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 2 3' (H224833-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 2 4' (H224833-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 98.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 3 0-1' (H224833-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 3 2' (H224833-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/14/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 3 3' (H224833-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225	
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269	
Total BTEx	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 95.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 3 4' (H224833-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 94.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 4 0-1' (H224833-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 96.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 4 2' (H224833-14)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225	
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269	
Total BTEx	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 98.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 4 3' (H224833-15)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225	
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269	
Total BTEx	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/14/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 4 4' (H224833-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 1B 0-1' (H224833-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	976	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 93.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 1B 2' (H224833-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 1B 3' (H224833-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.225		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.572		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.03	101	2.00	0.0255		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.17	103	6.00	0.269		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/14/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 1B 4' (H224833-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2022	ND	2.14	107	2.00	0.225		
Toluene*	<0.050	0.050	10/14/2022	ND	2.08	104	2.00	0.572		
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	2.03	101	2.00	0.0255		
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.17	103	6.00	0.269		
Total BTEx	<0.300	0.300	10/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	211	106	200	3.26	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	218	109	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 2B 0-1' (H224833-21)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.00	100	2.00	1.91	QM-07	
Toluene*	<0.050	0.050	10/13/2022	ND	2.00	100	2.00	0.694		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.98	98.8	2.00	0.187		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.05	101	6.00	0.128		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	229	114	200	11.6	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	247	123	200	26.5	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 2B 2' (H224833-22)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.00	100	2.00	1.91		
Toluene*	<0.050	0.050	10/13/2022	ND	2.00	100	2.00	0.694		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.98	98.8	2.00	0.187		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.05	101	6.00	0.128		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	229	114	200	11.6	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	247	123	200	26.5	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 2B 3' (H224833-23)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.00	100	2.00	1.91		
Toluene*	<0.050	0.050	10/13/2022	ND	2.00	100	2.00	0.694		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.98	98.8	2.00	0.187		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.05	101	6.00	0.128		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	229	114	200	11.6	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	247	123	200	26.5	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 2B 4' (H224833-24)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.00	100	2.00	1.91		
Toluene*	<0.050	0.050	10/13/2022	ND	2.00	100	2.00	0.694		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.98	98.8	2.00	0.187		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.05	101	6.00	0.128		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	229	114	200	11.6	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	247	123	200	26.5	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 3B 0-1' (H224833-25)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.00	100	2.00	1.91		
Toluene*	<0.050	0.050	10/13/2022	ND	2.00	100	2.00	0.694		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.98	98.8	2.00	0.187		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.05	101	6.00	0.128		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	229	114	200	11.6	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	247	123	200	26.5	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 86.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 3B 2' (H224833-26)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.00	100	2.00	1.91		
Toluene*	<0.050	0.050	10/13/2022	ND	2.00	100	2.00	0.694		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.98	98.8	2.00	0.187		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.05	101	6.00	0.128		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	229	114	200	11.6	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	247	123	200	26.5	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 73.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 3B 3' (H224833-27)

BTX 8021B			mg/kg							
			Analyzed By: JH/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.00	100	2.00	1.91		
Toluene*	<0.050	0.050	10/13/2022	ND	2.00	100	2.00	0.694		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.98	98.8	2.00	0.187		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.05	101	6.00	0.128		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	229	114	200	11.6		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	247	123	200	26.5		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 89.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	BEAR BRYANT 31 FED #001 (BEAR BRY.	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX- EDDY CO NM		

Sample ID: TT - 3B 4' (H224833-28)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.00	100	2.00	1.91		
Toluene*	<0.050	0.050	10/13/2022	ND	2.00	100	2.00	0.694		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.98	98.8	2.00	0.187		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.05	101	6.00	0.128		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/14/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	229	114	200	11.6	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	247	123	200	26.5	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 82.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: H&R Enterprises				BILL TO				ANALYSIS REQUEST			
Project Manager: Michael Collier				P.O. #:							
Address:				Company: Cimarex Energy							
City:				Attn: Laci Luig							
State:				Address:							
Phone #:				City:							
Project #:				State:							
Project Name: Bear Bryant 31 Fed #001 (Bear Bryant)				Phone #:							
Project Location: Eddy County, NM				Fax #:							
Sampler Name: Roy Bell				PRESERV.				SAMPLING			
FOR LAB USE ONLY											
Lab I.D.											
H24833											
1 TT-1 0-1'				(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER	
2 TT-1 2'				G 1				SOIL		OIL	
3 TT-1 3'								SLUDGE		OTHER :	
4 TT-1 4'								ACID/BASE:		ICE / COOL	
5 TT-2 0-1'								OTHER :		DATE	
6 TT-2 2'								TIME		BTEX	
7 TT-2 3'								TPH		Chlorides	
8 TT-2 4'											
9 TT-3 0-1'											
10 TT-3 2'											

IN STATE NOTE: Liability and Damages: Customer hereby certifies that the results of the analysis are based on the samples received by the laboratory. All claims, including those for negligence and any other claims whatsoever shall be deemed waived unless made in writing and received by the laboratory within 30 days after the date of the analysis.

Relinquished By: <i>[Signature]</i>		Received By: <i>[Signature]</i>	
Date: 10/13/22	Time: 12:41	Received By: <i>[Signature]</i>	
Requisitioned By: <i>[Signature]</i>		Checked By: <i>[Signature]</i>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 3.10°C Corrected Temp. °C 3.0°C	
Sample Condition Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/>		Thermometer ID #113 Correction Factor -0.10°C	
Remarks: 72 HR RUSH		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Additional Phone #:		Additional Email Address:	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO				ANALYSIS REQUEST			
Company Name: H&R Enterprises				P.O. #:			
Project Manager: Michael Collier				Company: Cimarex Energy			
Address:				Attn: Laci Luig			
City:				Address:			
State: Zip:				City:			
Phone #: Fax #:				State: Zip:			
Project Name: Bear Bryant 31 Fed #001 (Bear Bryant)				Phone #: Fax #:			
Project Location: Eddy County, NM							
Sampler Name: Roy Bell							
Lab I.D.							
		MATRIX		PRESERV.	SAMPLING		
		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL SLUDGE
		OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME
H224833	11 TT-3 3'	G	1	X		6/12/02	
	12 TT-3 4'						
	13 TT-4 0-1'						
	14 TT-4 2'						
	15 TT-4 3'						
	16 TT-4 4'						
	17 TT-1B 0-1'						
	18 TT-1B 2'						
	19 TT-1B 3'						
	20 TT-1B 4'						
<small>PLEASE NOTE: Liability and Coverage. Customer liability and coverage extends solely for any claims arising whether based in contract or tort, shall be limited to the amount paid by the client to the analyst. All claims involving fraud or negligence and any other claims whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the analysis. No claim shall be considered as having been accepted by Cardinal without written consent from Cardinal. Cardinal does not warrant the accuracy of results obtained by client. Its subcontractors, employees or successors acting out of or related to the performance of services hereunder by Cardinal, regardless of whether such claims are based upon any of the above stated elements or otherwise.</small>							
Relinquished By:				Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:			
Date: 10/13/02 Time: 10/14 Received By: Shoddi Quent				REMARKS: 72 HR RUSH			
Relinquished By:				Thermometer ID #113 Correction Factor -0.02°C			
Date: 10/14 Time: 3:02 PM Observed Temp. °C 30.0 Corrected Temp. °C 30.0				Standard <input type="checkbox"/> Backtitr (only) Sample Condition			
Sample Condition Cool Intact <input checked="" type="checkbox"/> No <input type="checkbox"/> No				Cool Intact <input checked="" type="checkbox"/> Observed Temp. °C			
CHECKED BY: (Initials) SK				Corrected Temp. °C			

Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabsnm.com

06 2 of 3



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

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

CONDITIONS

Action 179230

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 600 N. Marienfeld Street Midland, TX 79701	OGRID: 162683
	Action Number: 179230
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NMLB1116755122 BEAR BRYANT 31 FEDERAL #001, thank you. This closure is approved.	5/2/2023