CARMONA RESOURCES

SITE INFORMATION

Closure Report
Tristie Draw 36 State
Incident ID: NAPP2213333484
Lea County, New Mexico Unit
D Sec 36 T23S R32E
32.266770°, -103.635158°

Point of Release: Flare Line
Release Date: 05/12/2022
Volume Released: 25 gallons
Volume Recovered: 0

CARMONA RESOURCES

Prepared for:
Cimarex Energy Co.
600 N. Marienfeld Street
Suite 600
Midland, TX 79701

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

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

CARMONA RESOURCES

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

CARMONA RESOURCES

July 6, 2022

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

Re: Closure Report
Tristie Draw 36 State
Cimarex Energy Co.
Incident ID NAPP2213333484
Site Location: Unit D, S36, T23S, R32E
(Lat 32.266770º, Long -103.635158º)
Lea County, New Mexico

To whom it may concern:

On behalf of Cimarex Energy Co. (Cimarex), Carmona Resources, LLC has prepared this document for site activities at the Tristie Draw 36 State. The site is located at 32.266770º, -103.635158º within Unit D, S36, T23S, R32E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on May 12, 2022, due to a release at the flare. It resulted in about 25 gallons of oil being released and 0 barrels being recovered. See figure 3, and the initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one water source within a 0.50-mile radius of the location but has not been drilled within 25 years. The well is approximately 0.18 miles west of the site in S36, T23S, R32E and was drilled in 1976. The well has a reported depth to groundwater of 487.39' feet below ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg

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CARMONA RESOURCES

4.0 Site Activities

Pasture

On June 9, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release in the pasture area. A total of seven (7) sample points were collected at the surface inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The results of the sampling are summarized in Table 1.

Pad

Carmona Resources personnel were on site on June 9, 2022, to supervise the remediation activities and collect confirmation samples. The area was excavated from 3"- 6" to remove all impacted soils. A total of two (2) confirmation samples were collected (CS-1 and CS-2), and eight (8) sidewall samples (SW-1 through SW-8) were collected every 200 square feet to ensure proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The results of the sampling are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. A total of 2 cubic yards of material were excavated and transported offsite for proper disposal.

5.0 Conclusions

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

Sincerely,
Carmona Resources, LLC

Mike Carmona
Environmental Manager

Ashton Thielke
Sr Project Manager

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

FIGURES

CARMONA RESOURCES

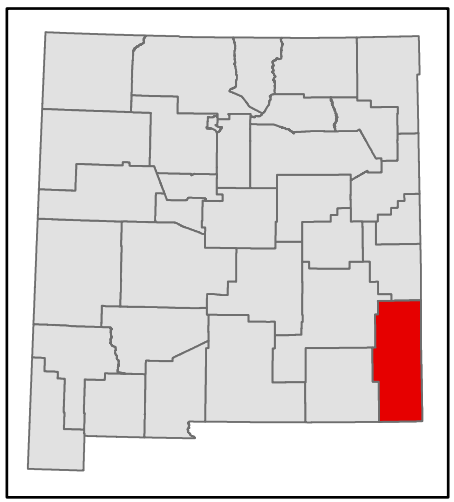
OVERVIEW MAP
CIMAREX ENERGY

TRISTIE 36 FEDERAL FLARE FIRE
LEA COUNTY. NEW MEXICO
32.266770°, -103.635158°

N
W E
S

0 2 3 6
Miles

Site Location



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DRAWING NUMBER: **Figure 1**
SHEET NUMBER: **1 of 1**

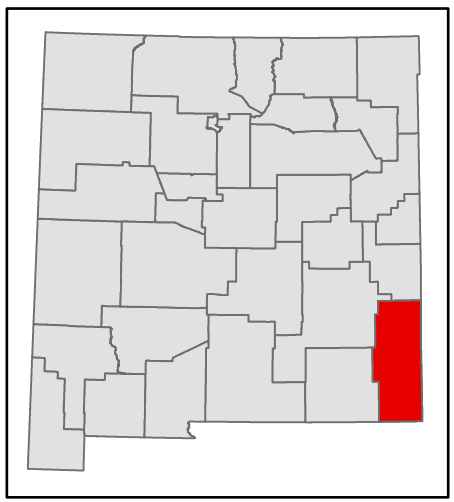
TOPOGRAPHIC MAP
CIMAREX ENERGY

TRISTIE 36 FEDERAL FLARE FIRE
LEA COUNTY. NEW MEXICO
32.266770°, -103.635158°

N
W E
S

0 0.5 1 2
Miles

Site Location



CARMONA RESOURCES

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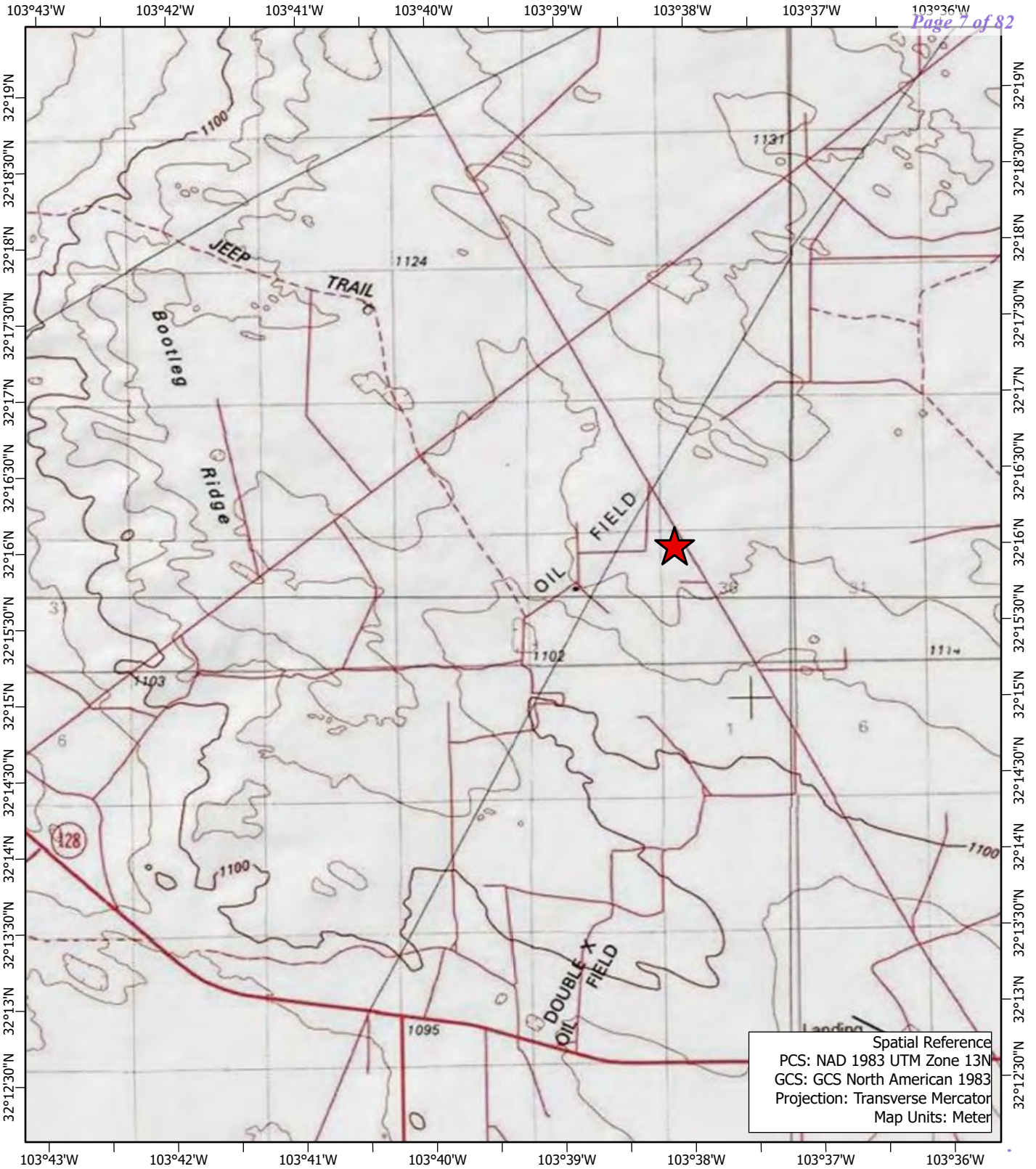
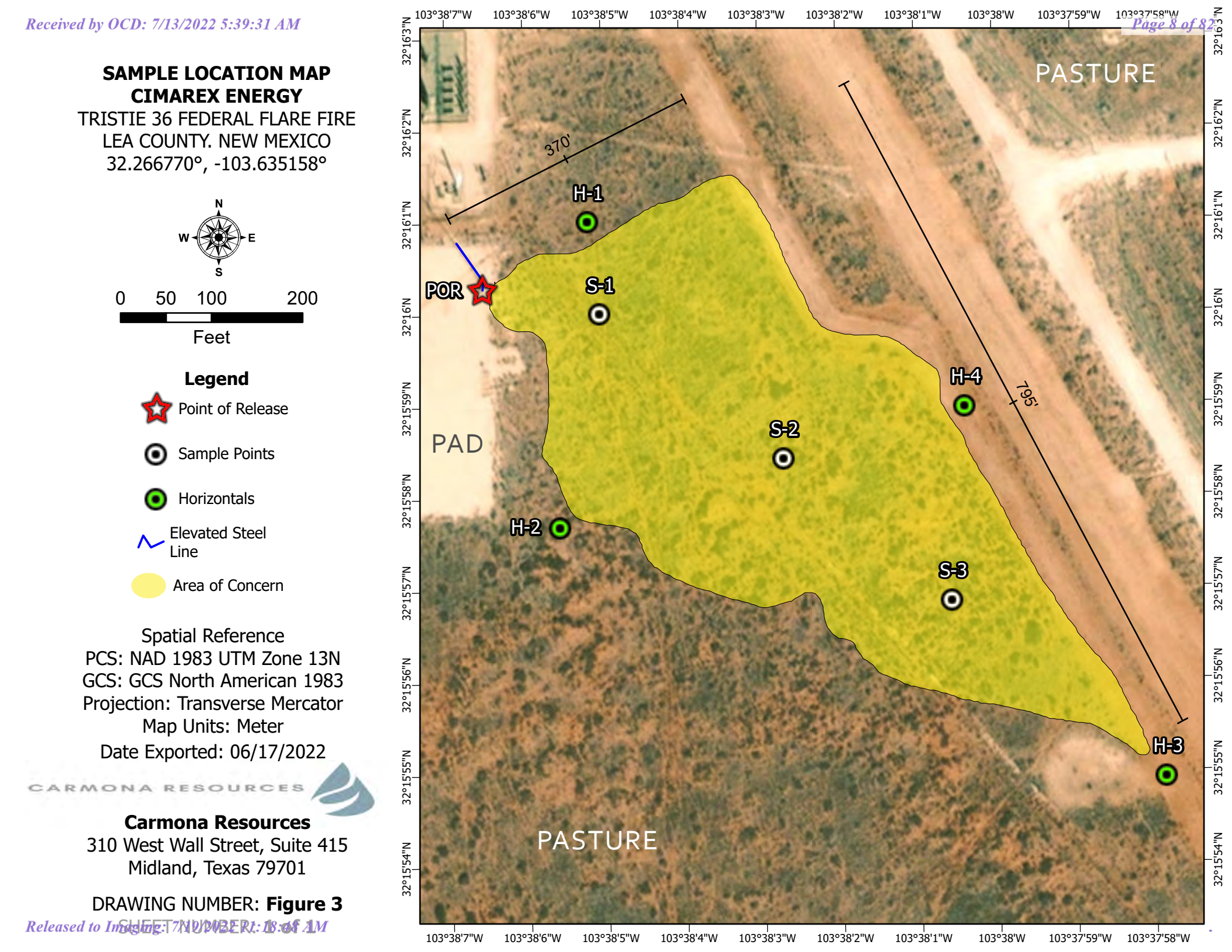
DRAWING NUMBER: **Figure 2**
SHEET NUMBER: **1 of 1**



SAMPLE LOCATION MAP
CIMAREX ENERGY

TRISTIE 36 FEDERAL FLARE FIRE
LEA COUNTY. NEW MEXICO
32.266770°, -103.635158°



Spatial Reference
PCS: NAD 1983 UTM Zone 13N
GCS: GCS North American 1983
Projection: Transverse Mercator
Map Units: Meter
Date Exported: 06/17/2022

CARMONA RESOURCES

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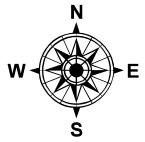
Midland, Texas 79701

DRAWING NUMBER: **Figure 3**
SHEET NUMBER: 1 of 1

EXCAVATION DEPTH MAP
CIMAREX ENERGY

TRISTIE 36 FEDERAL FLARE FIRE
LEA COUNTY. NEW MEXICO
32.266770°, -103.635158°



0 2.5 5 10

Feet

Legend

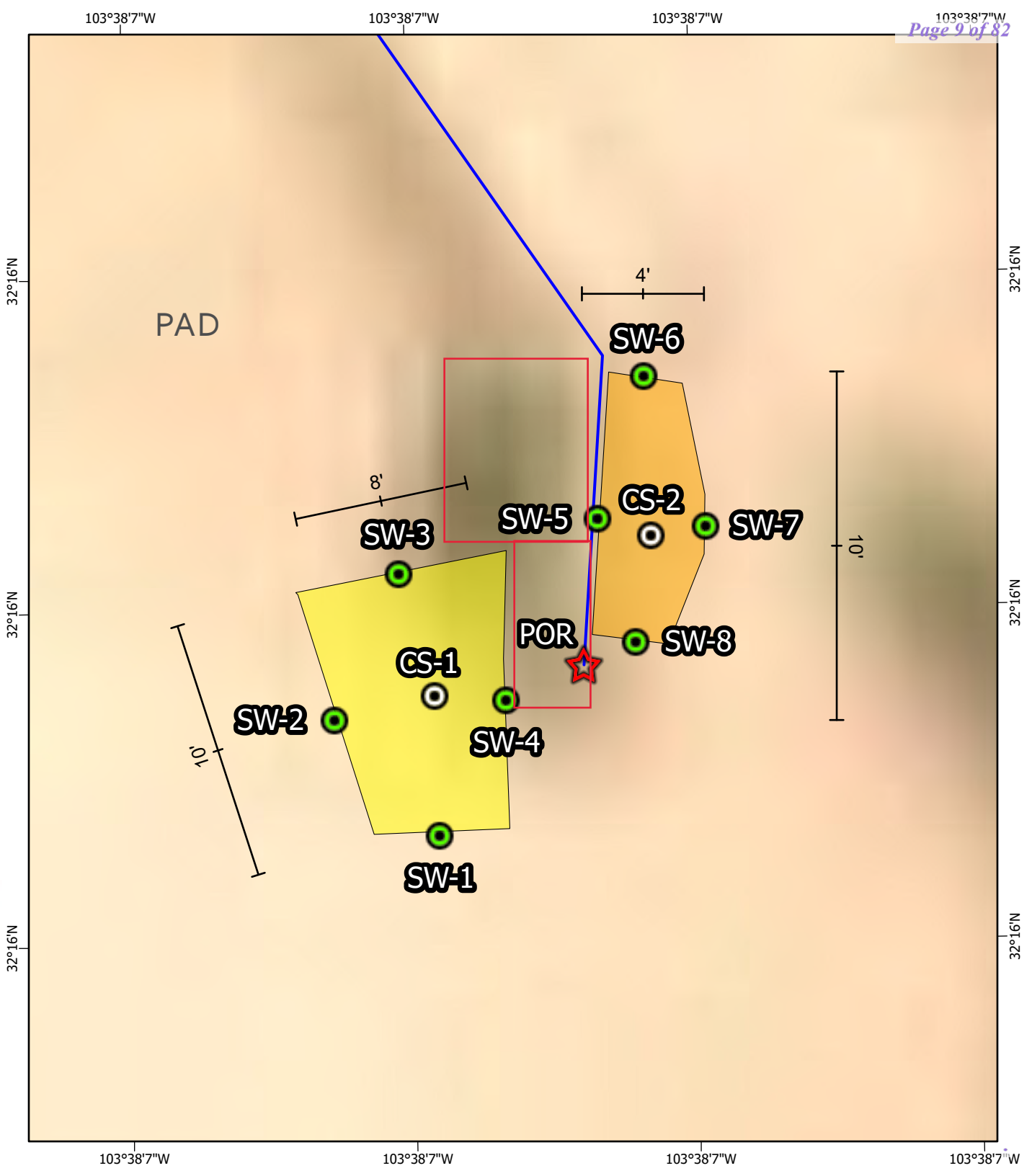
- Point of Release/Equipment
- Sidewalls
- Confirmation Samples
- Elevated Steel Line
- 3" Excavation
- 6" Excavation

Spatial Reference
PCS: NAD 1983 UTM Zone 13N
GCS: GCS North American 1983
Projection: Transverse Mercator
Map Units: Meter
Date Exported: 06/17/2022

CARMONA RESOURCES

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

DRAWING NUMBER: **Figure 4**
SHEET NUMBER: **1 of 1**



APPENDIX A

CARMONA RESOURCES

Table 1
Cimarex
Tristie 36 Federal Flare Fire
Lea County, New Mexico

Sample ID	Date	Depth (in)	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	6/9/2022	0-3"	<50.0	72.6	<50.0	72.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.19
S-2	6/9/2022	0-3"	<50.0	77.8	<50.0	77.8	<0.0101	<0.0101	<0.0101	<0.0202	<0.0202	<4.96
S-3	6/9/2022	0-3"	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	6.34
H-1	6/9/2022	0-3"	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.97
H-2	6/9/2022	0-3"	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6.45
H-3	6/9/2022	0-3"	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<5.01
H-4	6/9/2022	0-3"	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.03
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
in-inches
(S) Sample Point
(H) Horizontal

Table 2
Cimarex
Tristie Draw 36 State
Lea County, New Mexico

Sample ID	Date	Depth (in)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	6/9/2022	3"	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	79.7
CS-2	6/9/2022	3"	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	36.0
SW-1	6/9/2022	3"	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	76.0
SW-2	6/9/2022	3"	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	61.6
SW-3	6/9/2022	3"	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	37.7
SW-4	6/9/2022	3"	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	0.00514	0.00514	41.6
SW-5	6/9/2022	6"	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	17.1
SW-6	6/9/2022	6"	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11.0
SW-7	6/9/2022	6"	<49.9	82.9	<49.9	82.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	71.5
SW-8	6/9/2022	6"	<50.0	80.5	<50.0	80.5	<0.00994	<0.00994	<0.00994	<0.0199	<0.0199	239
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

in-inches

(SW) Sidewall Sample

(CS) Confirmation Sample

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

CIMAREX

Photograph No. 1

Facility: Tristie 36 Federal Flare Fire

County: Lea County, New Mexico

Description:
View Northeast, area of flare fire on pad.

Photograph No. 2

Facility: Tristie 36 Federal Flare Fire

County: Lea County, New Mexico

Description:
View Northeast, area remediation area.

Photograph No. 3

Facility: Tristie 36 Federal Flare Fire

County: Lea County, New Mexico

Description:
View East, area of confirmation samples (CS-1 and CS-2).

PHOTOGRAPHIC LOG

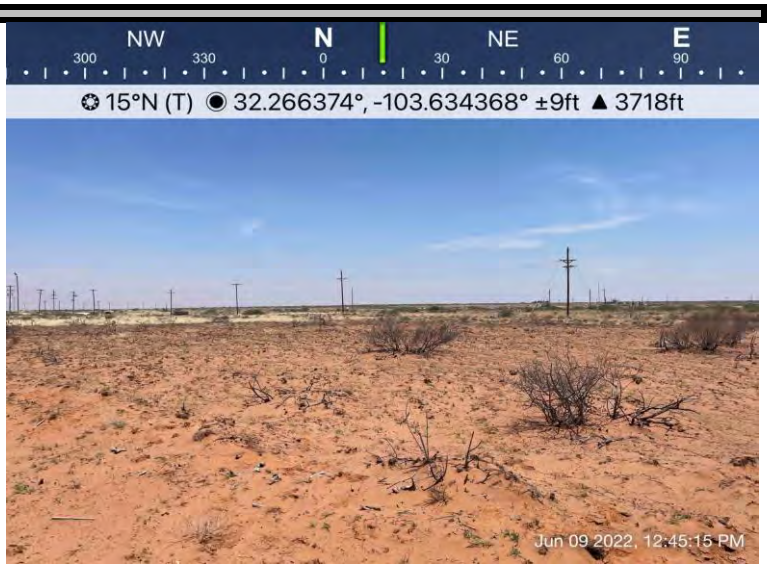
CIMAREX

Photograph No. 4

Facility: Tristie 36 Federal Flare Fire

County: Lea County, New Mexico

Description:
View North, Pasture Area



Photograph No. 5

Facility: Tristie 36 Federal Flare Fire

County: Lea County, New Mexico

Description:
View Northeast, area remedation after backfill.

Photograph No. 6

Facility: Tristie 36 Federal Flare Fire

County: Lea County, New Mexico

Description:
View South, area remedation after backfill.

APPENDIX C

CARMONA RESOURCES

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2213333484
District RP	
Facility ID	fAPP2127744776
Application ID	

Release Notification

Responsible Party

Responsible Party: Cimarex Energy Co.	OGRID: 215099
Contact Name: Laci Luig	Contact Telephone: (432) 571-7800
Contact email: laci.luig@coterra.com	Incident # *(assigned by OCD)* nAPP2213333484
Contact mailing address: 600 N Marienfeld Street, Ste. 600 Midland, TX 79701	

Location of Release Source

Latitude 32.26754 Longitude -103.63573
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Triste Draw 36 State	Site Type: Battery
Date Release Discovered: 5/12/2022	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
D	36	23S	32E	Lea

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☒ Other (describe)	Volume/Weight Released (provide units) 25 gal oil FIRE	Volume/Weight Recovered (provide units) 0 gal

Cause of Release: Human Error
Recent repairs were made to a tank on pad. A roustabout crew assisted with hooking the tank back up. After all tie ins were complete, two valves were inadvertently left shut allowing the VRT to fill and sending oil to the low pressure flare line resulting in a flare fire. A small pasture area near the flare caught fire burning ~0.5 acres. Personnel onsite immediately put out the fire. The Jal Fire Department was dispatched. The flare line will be flushed and flame arrestor will be cleaned before bringing wells back online.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2213333484
District RP	
Facility ID	fAPP2127744776
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Incident resulted in a fire.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
By: Gloria Garza
To: OCD Enviro, Ryan Mann (SLO)
By: Email

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Laci Luig Title: ESH Specialist

Signature: Laci Luig Date: 5/13/2022

email: laci.luig@coterra.com Telephone: (432) 208-3035

OCD Only

Received by: Jocelyn Harimon Date: 07/13/2022

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Laci Lo _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

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: Laci Lõ _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Jennifer Nobui Date: 07/19/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

From: Laci Luig
Sent: Tuesday, June 7, 2022 6:14 PM
To: NMOCD Spill Notifications; Ryan Mann - NM SLO
Cc: Mike Carmona
Subject: nAPP2213333484 Triste Draw 36 State CTB confirmation sampling

This email serves as notification for confirmation sampling on the Cimarex - Triste Draw 36 State facility. Sampling is scheduled to begin Thursday, June 9th and will be collected by Carmona Resources.

Thank you,

Laci Luig | Environmental Safety & Health Specialist
T: 432.571.7810 | M: 432.208.3035 | laci.luig@coterra.com | www.coterra.com
Coterra Energy Inc. | 600 N. Marienfeld Street, Suite 600 | Midland, TX 79701

Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.

APPENDIX D

CARMONA RESOURCES

NEAREST WATER WELL

CIMAREX ENERGY

400' - Drilled 1957

487.39' - Drilled 1976

Tristie 36 Federal Flare Fire

Legend

- Low
- Tristie 36 Federal Flare Fire

N

1 mi

Google Earth

LOW KARST

CIMAREX ENERGY

Legend

Low

Tristie 36 Federal Flare Fire

Tristie 36 Federal Flare Fire

Google Earth

3000 ft

N

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-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04551 POD1	CUB	LE	4	4	3	31	23S	33E	630671	3569556	2468			
C 02276	CUB	LE	3	1	4	19	23S	33E	630848	3573154*	3274	650	400	250
C 02275	CUB	LE	3	3	2	19	23S	33E	630843	3573557*	3569	650	400	250
C 03527 POD1	C	LE	1	2	3	03	24S	32E	625770	3568487	3630	500		
C 01932	C	ED		3	1	12	24S	32E	628633	3567188*	3633	492		

Average Depth to Water: **400 feet**

Minimum Depth: **400 feet**

Maximum Depth: **400 feet**

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 628550.56 **Northing (Y):** 3570820.49 **Radius:** 4000

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	C 02276	3	1	4	19	23S	33E	630848	3573154*

Driller License: **Driller Company:**

Driller Name: ABBOTT BROTHERS

Drill Start Date:		**Drill Finish Date:**	12/31/1957	**Plug Date:**	
Log File Date:		**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	40 GPM
Casing Size:	8.63	**Depth Well:**	650 feet	**Depth Water:**	400 feet

Meter Number:	515	**Meter Make:**	MASTER METER
Meter Serial Number:	152782	**Meter Multiplier:**	10.0000
Number of Dials:	6	**Meter Type:**	Diversion
Unit of Measure:	Gallons	**Return Flow Percent:**	
Usage Multiplier:		**Reading Frequency:**	Quarterly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
02/27/1999	1999	838142	A	ms		0	
04/15/1999	1999	849194	A	ms		0.339	
07/18/1999	1999	852511	A	ms		0.102	
11/28/1999	1999	880506	A	ms		0.859	
04/06/2000	2000	880525	A	mb		0.001	
08/16/2000	2000	0	A	mb		0	
08/16/2000	2000	3713	A	mb		0.114	
09/15/2000	2000	34387	A	RPT		0.941	
01/19/2001	2000	147434	A	RPT		3.469	
04/27/2001	2001	250085	A	RPT		3.150	
07/16/2001	2001	328518	A	ms		2.407	
01/12/2002	2002	389056	A	tg		1.858	
04/13/2002	2002	408878	A	RPT		0.608	
07/12/2002	2002	440120	A	rm		0.959	
01/01/2003	2002	505416	A	ms		2.004	
04/28/2003	2003	536552	A	ms		0.956	
07/11/2003	2003	693927	A	RPT		4.830	
10/16/2003	2003	693927	A	ab		0	
01/08/2004	2003	693927	A	ab		0	
04/07/2004	2004	695806	A	RPT		0.058	
07/15/2004	2004	723969	A	RPT		0.864	
10/12/2004	2004	739108	A	RPT		0.465	
01/26/2005	2004	788665	A	RPT		1.521	
04/15/2005	2005	814297	A	RPT		0.787	
08/03/2005	2005	846601	A	RPT		0.991	

10/31/2005	2005	856320	A	RPT		0.298
01/31/2006	2005	866374	A	RPT		0.309
04/20/2006	2006	874208	A	RPT		0.240
07/19/2006	2006	889314	A	tw		0.464
11/27/2006	2006	917719	A	RPT		0.872
04/16/2007	2007	929550	A	RPT		0.363
07/13/2007	2007	936082	A	RPT		0.200
11/03/2007	2007	942871	A	RPT		0.208
04/15/2008	2008	944140	A	RPT		0.039
07/11/2008	2008	944909	A	RPT		0.024
01/08/2009	2008	964144	A	RPT		0.590
05/07/2009	2009	976275	A	RPT		0.372
07/06/2009	2009	984911	A	RPT		0.265
11/12/2009	2009	106368	R	tw	Meter Rollover	3.727
05/13/2010	2010	257600	A	RPT		4.641
08/23/2010	2010	315189	A	RPT		1.767
11/09/2010	2010	317933	A	RPT		0.084
02/13/2011	2011	373250	A	RPT		1.698
07/12/2011	2011	468021	A	RPT		2.908
01/10/2012	2012	570894	A	RPT		3.157
04/15/2012	2012	671162	A	RPT		3.077
03/20/2013	2012	783611	A	RPT		3.451
07/18/2013	2013	842234	A	RPT		1.799
07/22/2019	2019	977178	A	RPT		4.141
04/01/2020	2020	977178	A	RPT		0

****YTD Meter Amounts:**

Year	Amount
1999	1.300
2000	4.525
2001	5.557
2002	5.429
2003	5.786
2004	2.908
2005	2.385
2006	1.576
2007	0.771
2008	0.653
2009	4.364
2010	6.492
2011	4.606
2012	9.685
2013	1.799
2019	4.141
2020	0

***UTM location was derived from PLSS - see Help**

USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: New Mexico | GO

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321555103381501

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321555103381501 23S.32E.35.224111

Lea County, New Mexico
Latitude 32°15'59.0", Longitude 103°38'17.6" NAD83
Land-surface elevation 3,678.00 feet above NGVD29
The depth of the well is 700 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1976-12-08		D	62610		3190.61	NGVD29	P	Z		
1976-12-08		D	62611		3192.34	NAVD88	P	Z		
1976-12-08		D	72019	487.39			P	Z		
2013-01-17	00:30 UTC	m	62610			NGVD29	6	S	USGS	
2013-01-17	00:30 UTC	m	62611			NAVD88	6	S	USGS	
2013-01-17	00:30 UTC	m	72019				6	S	USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet

Section	Code	Description
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	6	Measurement unable to be obtained due to local conditions
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

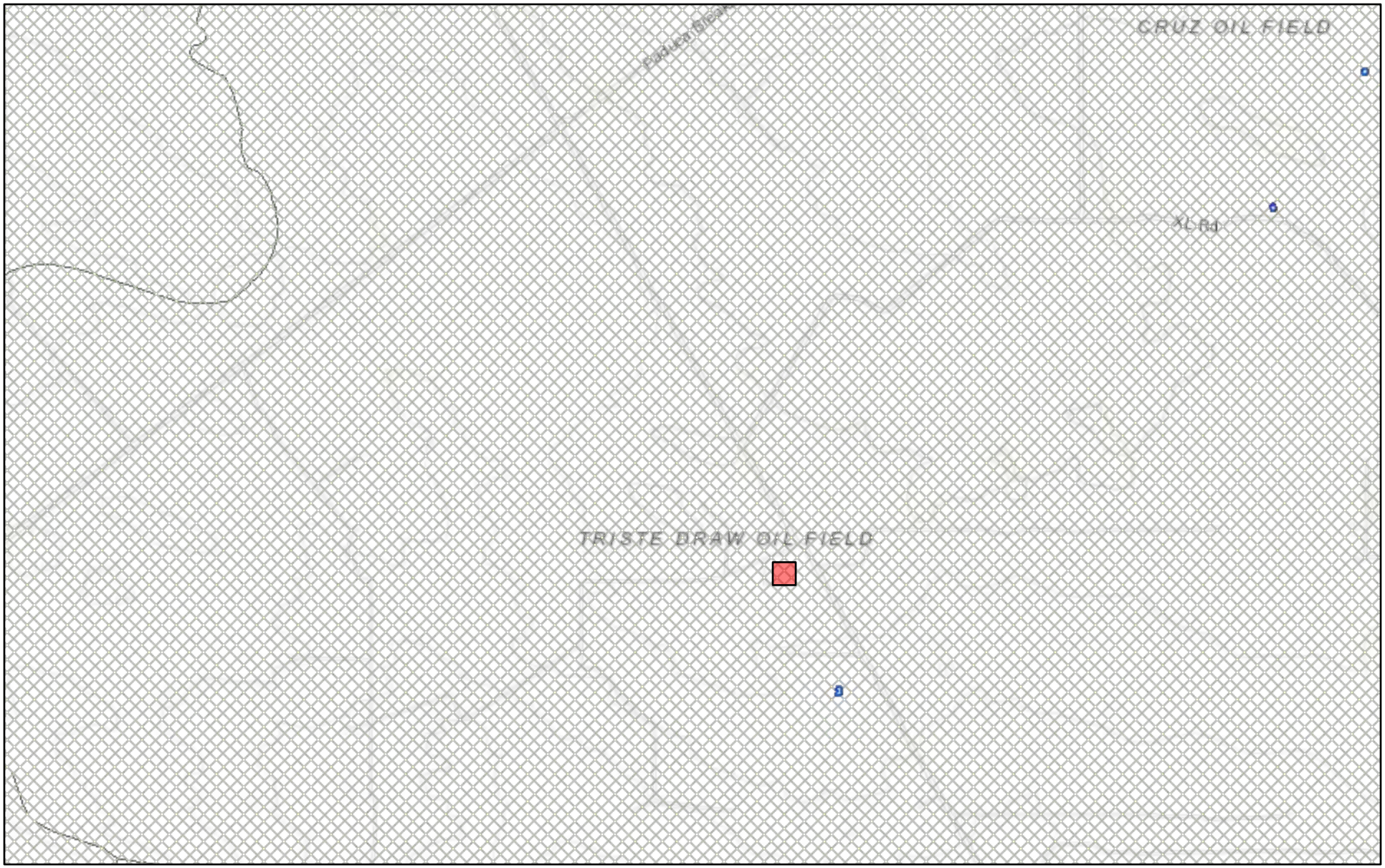
Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

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: 2022-05-31 16:08:18 EDT
0.29 0.24 nadww02

New Mexico NFHL Data



May 31, 2022

1:36,112

0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

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

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-15721-1
Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Tristie 36 Federal Flares Fire

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

Attn: Conner Moehring

JKramer

Authorized for release by:
6/20/2022 2:58:24 PM

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

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Laboratory Job ID: 880-15721-1
SDG: Lea Co, NM

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Job ID: 880-15721-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-15721-1

Receipt
The samples were received on 6/10/2022 8:04 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.1°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-27544 and analytical batch 880-27744 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-7 (6") (880-15721-9), SW-8 (6") (880-15721-10), S-1 (0-3") (880-15721-11) and S-2 (0-3") (880-15721-12). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-15766-A-14-B MS) and (880-15766-A-14-C MSD). Evidence of matrix interferences is not obvious.

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (3")

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Lab Sample ID: 880-15721-1
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/14/22 16:18	06/17/22 18:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/14/22 16:18	06/17/22 18:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/14/22 16:18	06/17/22 18:50	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/14/22 16:18	06/17/22 18:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/14/22 16:18	06/17/22 18:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/14/22 16:18	06/17/22 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*06/14/22 16:18*	*06/17/22 18:50*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*06/14/22 16:18*	*06/17/22 18:50*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 16:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 16:35	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*06/10/22 16:16*	*06/12/22 16:35*	*1*
o-Terphenyl	*101*		*70 - 130*	*06/10/22 16:16*	*06/12/22 16:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.7**		4.96		mg/Kg			06/18/22 18:01	1

Client Sample ID: CS-2 (6")

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Lab Sample ID: 880-15721-2
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/14/22 16:18	06/17/22 19:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/14/22 16:18	06/17/22 19:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/14/22 16:18	06/17/22 19:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/14/22 16:18	06/17/22 19:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/14/22 16:18	06/17/22 19:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/14/22 16:18	06/17/22 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*06/14/22 16:18*	*06/17/22 19:11*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*06/14/22 16:18*	*06/17/22 19:11*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: CS-2 (6")

Lab Sample ID: 880-15721-2
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 16:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 16:57	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*06/10/22 16:16*	*06/12/22 16:57*	*1*
o-Terphenyl	*97*		*70 - 130*	*06/10/22 16:16*	*06/12/22 16:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.0**		5.00		mg/Kg			06/18/22 18:28	1

Client Sample ID: SW-1 (3")

Lab Sample ID: 880-15721-3
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/14/22 16:18	06/17/22 19:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/14/22 16:18	06/17/22 19:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/14/22 16:18	06/17/22 19:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/14/22 16:18	06/17/22 19:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/14/22 16:18	06/17/22 19:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/14/22 16:18	06/17/22 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*06/14/22 16:18*	*06/17/22 19:31*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/14/22 16:18*	*06/17/22 19:31*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 17:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 17:19	1

Client Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: SW-1 (3")

Lab Sample ID: 880-15721-3
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*06/10/22 16:16*	*06/12/22 17:19*	*1*
o-Terphenyl	*101*		*70 - 130*	*06/10/22 16:16*	*06/12/22 17:19*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**76.0**		4.99		mg/Kg			06/18/22 18:38	1

Client Sample ID: SW-2 (3")

Lab Sample ID: 880-15721-4
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/14/22 16:18	06/17/22 19:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/14/22 16:18	06/17/22 19:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/14/22 16:18	06/17/22 19:52	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/14/22 16:18	06/17/22 19:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/14/22 16:18	06/17/22 19:52	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/14/22 16:18	06/17/22 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*06/14/22 16:18*	*06/17/22 19:52*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*06/14/22 16:18*	*06/17/22 19:52*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/10/22 16:16	06/12/22 17:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 16:16	06/12/22 17:40	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 16:16	06/12/22 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*06/10/22 16:16*	*06/12/22 17:40*	*1*
o-Terphenyl	*94*		*70 - 130*	*06/10/22 16:16*	*06/12/22 17:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**61.6**		4.95		mg/Kg			06/18/22 18:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: SW-3 (3")

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Lab Sample ID: 880-15721-5
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/22 10:22	06/16/22 00:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 10:22	06/16/22 00:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 10:22	06/16/22 00:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/15/22 10:22	06/16/22 00:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 10:22	06/16/22 00:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/15/22 10:22	06/16/22 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*06/15/22 10:22*	*06/16/22 00:36*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*06/15/22 10:22*	*06/16/22 00:36*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 18:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 18:24	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*06/10/22 16:16*	*06/12/22 18:24*	*1*
o-Terphenyl	*85*		*70 - 130*	*06/10/22 16:16*	*06/12/22 18:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.7**		4.97		mg/Kg			06/18/22 18:56	1

Client Sample ID: SW-4 ((3")

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Lab Sample ID: 880-15721-6
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/22 10:22	06/16/22 01:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 10:22	06/16/22 01:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 10:22	06/16/22 01:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/15/22 10:22	06/16/22 01:01	1
o-Xylene	**0.00514**		0.00200		mg/Kg		06/15/22 10:22	06/16/22 01:01	1
Xylenes, Total	**0.00514**		0.00399		mg/Kg		06/15/22 10:22	06/16/22 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*70 - 130*	*06/15/22 10:22*	*06/16/22 01:01*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*06/15/22 10:22*	*06/16/22 01:01*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: SW-4 ((3")

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Lab Sample ID: 880-15721-6

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00514**		0.00399		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 18:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 18:46	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*06/10/22 16:16*	*06/12/22 18:46*	*1*
o-Terphenyl	*97*		*70 - 130*	*06/10/22 16:16*	*06/12/22 18:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41.6**		5.00		mg/Kg			06/20/22 10:44	1

Client Sample ID: SW-5 (6")

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Lab Sample ID: 880-15721-7

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/15/22 10:22	06/16/22 01:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 10:22	06/16/22 01:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 10:22	06/16/22 01:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 10:22	06/16/22 01:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 10:22	06/16/22 01:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 10:22	06/16/22 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*06/15/22 10:22*	*06/16/22 01:27*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*06/15/22 10:22*	*06/16/22 01:27*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/10/22 16:16	06/12/22 19:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 16:16	06/12/22 19:08	1

Client Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: SW-5 (6")

Lab Sample ID: 880-15721-7
Date Collected: 06/09/22 00:00
Matrix: Solid
Date Received: 06/10/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 16:16	06/12/22 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*06/10/22 16:16*	*06/12/22 19:08*	*1*
o-Terphenyl	*90*		*70 - 130*	*06/10/22 16:16*	*06/12/22 19:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.1**		4.98		mg/Kg			06/18/22 19:27	1

Client Sample ID: SW-6 (6")

Lab Sample ID: 880-15721-8
Date Collected: 06/09/22 00:00
Matrix: Solid
Date Received: 06/10/22 08:04

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/15/22 10:22	06/16/22 01:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/15/22 10:22	06/16/22 01:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/15/22 10:22	06/16/22 01:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/15/22 10:22	06/16/22 01:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/15/22 10:22	06/16/22 01:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/15/22 10:22	06/16/22 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*06/15/22 10:22*	*06/16/22 01:53*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*06/15/22 10:22*	*06/16/22 01:53*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 19:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 19:30	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*06/10/22 16:16*	*06/12/22 19:30*	*1*
o-Terphenyl	*91*		*70 - 130*	*06/10/22 16:16*	*06/12/22 19:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.0**		5.04		mg/Kg			06/18/22 19:36	1

Client Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: SW-7 (6")

Lab Sample ID: 880-15721-9
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/22 10:22	06/16/22 02:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 10:22	06/16/22 02:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 10:22	06/16/22 02:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/15/22 10:22	06/16/22 02:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 10:22	06/16/22 02:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/15/22 10:22	06/16/22 02:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*06/15/22 10:22*	*06/16/22 02:18*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/15/22 10:22*	*06/16/22 02:18*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**82.9**		49.9		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/10/22 16:16	06/12/22 19:51	1
Diesel Range Organics (Over C10-C28)	**82.9**		49.9		mg/Kg		06/10/22 16:16	06/12/22 19:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 16:16	06/12/22 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*06/10/22 16:16*	*06/12/22 19:51*	*1*
o-Terphenyl	*0.1*	*S1-*	*70 - 130*	*06/10/22 16:16*	*06/12/22 19:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.5**		4.99		mg/Kg			06/18/22 19:46	1

Client Sample ID: SW-8 (6")

Lab Sample ID: 880-15721-10
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00994	U	0.00994		mg/Kg		06/16/22 08:23	06/16/22 16:09	5
Toluene	<0.00994	U	0.00994		mg/Kg		06/16/22 08:23	06/16/22 16:09	5
Ethylbenzene	<0.00994	U	0.00994		mg/Kg		06/16/22 08:23	06/16/22 16:09	5
m-Xylene & p-Xylene	<0.0199	U	0.0199		mg/Kg		06/16/22 08:23	06/16/22 16:09	5
o-Xylene	<0.00994	U	0.00994		mg/Kg		06/16/22 08:23	06/16/22 16:09	5
Xylenes, Total	<0.0199	U	0.0199		mg/Kg		06/16/22 08:23	06/16/22 16:09	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*06/16/22 08:23*	*06/16/22 16:09*	*5*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/16/22 08:23*	*06/16/22 16:09*	*5*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: SW-8 (6")

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Lab Sample ID: 880-15721-10
Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0199	U	0.0199		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**80.5**		50.0		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 20:13	1
Diesel Range Organics (Over C10-C28)	**80.5**		50.0		mg/Kg		06/10/22 16:16	06/12/22 20:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*06/10/22 16:16*	*06/12/22 20:13*	*1*
o-Terphenyl	*0.05*	*S1-*	*70 - 130*	*06/10/22 16:16*	*06/12/22 20:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**239**		4.98		mg/Kg			06/18/22 19:55	1

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

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Lab Sample ID: 880-15721-11
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/15/22 10:22	06/16/22 03:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 10:22	06/16/22 03:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 10:22	06/16/22 03:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 10:22	06/16/22 03:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 10:22	06/16/22 03:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 10:22	06/16/22 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*06/15/22 10:22*	*06/16/22 03:10*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*06/15/22 10:22*	*06/16/22 03:10*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**72.6**		50.0		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 20:35	1
Diesel Range Organics (Over C10-C28)	**72.6**		50.0		mg/Kg		06/10/22 16:16	06/12/22 20:35	1

Client Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-15721-11
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*06/10/22 16:16*	*06/12/22 20:35*	*1*
o-Terphenyl	*0.05*	*S1-*	*70 - 130*	*06/10/22 16:16*	*06/12/22 20:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.19**		5.04		mg/Kg			06/19/22 11:39	1

Client Sample ID: S-2 (0-3")

Lab Sample ID: 880-15721-12
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		06/16/22 08:23	06/16/22 16:30	5
Toluene	<0.0101	U	0.0101		mg/Kg		06/16/22 08:23	06/16/22 16:30	5
Ethylbenzene	<0.0101	U	0.0101		mg/Kg		06/16/22 08:23	06/16/22 16:30	5
m-Xylene & p-Xylene	<0.0202	U	0.0202		mg/Kg		06/16/22 08:23	06/16/22 16:30	5
o-Xylene	<0.0101	U	0.0101		mg/Kg		06/16/22 08:23	06/16/22 16:30	5
Xylenes, Total	<0.0202	U	0.0202		mg/Kg		06/16/22 08:23	06/16/22 16:30	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*06/16/22 08:23*	*06/16/22 16:30*	*5*
1,4-Difluorobenzene (Surr)	*121*		*70 - 130*	*06/16/22 08:23*	*06/16/22 16:30*	*5*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0202	U	0.0202		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**77.8**		50.0		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 20:57	1
Diesel Range Organics (Over C10-C28)	**77.8**		50.0		mg/Kg		06/10/22 16:16	06/12/22 20:57	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*06/10/22 16:16*	*06/12/22 20:57*	*1*
o-Terphenyl	*0.05*	*S1-*	*70 - 130*	*06/10/22 16:16*	*06/12/22 20:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			06/19/22 12:03	1

Client Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: S-3 (0-3")

Lab Sample ID: 880-15721-13
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 11:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 11:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 11:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/15/22 15:37	06/16/22 11:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 11:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/15/22 15:37	06/16/22 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*06/15/22 15:37*	*06/16/22 11:14*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*06/15/22 15:37*	*06/16/22 11:14*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/10/22 16:16	06/12/22 21:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/22 16:16	06/12/22 21:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/22 16:16	06/12/22 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*06/10/22 16:16*	*06/12/22 21:18*	*1*
o-Terphenyl	*101*		*70 - 130*	*06/10/22 16:16*	*06/12/22 21:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.34**		4.97		mg/Kg			06/19/22 12:11	1

Client Sample ID: H-1 (0-3")

Lab Sample ID: 880-15721-14
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 11:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 11:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 11:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 15:37	06/16/22 11:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 11:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 15:37	06/16/22 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*06/15/22 15:37*	*06/16/22 11:34*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/15/22 15:37*	*06/16/22 11:34*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: H-1 (0-3")

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Lab Sample ID: 880-15721-14
Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 21:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 21:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*06/10/22 16:16*	*06/12/22 21:39*	*1*
o-Terphenyl	*93*		*70 - 130*	*06/10/22 16:16*	*06/12/22 21:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			06/19/22 12:19	1

Client Sample ID: H-2 (0-3")

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Lab Sample ID: 880-15721-15
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 11:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 11:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 11:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 15:37	06/16/22 11:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 11:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 15:37	06/16/22 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*06/15/22 15:37*	*06/16/22 11:55*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*06/15/22 15:37*	*06/16/22 11:55*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/13/22 09:36	06/13/22 13:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/13/22 09:36	06/13/22 13:56	1

Client Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: H-2 (0-3")

Lab Sample ID: 880-15721-15

Date Collected: 06/09/22 00:00
Matrix: Solid
Date Received: 06/10/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/13/22 09:36	06/13/22 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*06/13/22 09:36*	*06/13/22 13:56*	*1*
o-Terphenyl	*116*		*70 - 130*	*06/13/22 09:36*	*06/13/22 13:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.45**		4.99		mg/Kg			06/19/22 12:27	1

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

Lab Sample ID: 880-15721-16

Date Collected: 06/09/22 00:00
Matrix: Solid
Date Received: 06/10/22 08:04

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/15/22 15:37	06/16/22 16:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/15/22 15:37	06/16/22 16:09	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/15/22 15:37	06/16/22 16:09	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/15/22 15:37	06/16/22 16:09	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/15/22 15:37	06/16/22 16:09	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/15/22 15:37	06/16/22 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*06/15/22 15:37*	*06/16/22 16:09*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*06/15/22 15:37*	*06/16/22 16:09*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/11/22 04:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/11/22 04:54	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/11/22 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*06/10/22 11:13*	*06/11/22 04:54*	*1*
o-Terphenyl	*101*		*70 - 130*	*06/10/22 11:13*	*06/11/22 04:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			06/19/22 12:50	1

Client Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: H-4 (0-3")

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Lab Sample ID: 880-15721-17

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/15/22 15:37	06/16/22 16:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/15/22 15:37	06/16/22 16:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/15/22 15:37	06/16/22 16:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/15/22 15:37	06/16/22 16:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/15/22 15:37	06/16/22 16:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/15/22 15:37	06/16/22 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*06/15/22 15:37*	*06/16/22 16:30*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*06/15/22 15:37*	*06/16/22 16:30*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/16/22 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/13/22 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/11/22 05:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/11/22 05:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/11/22 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*06/10/22 11:13*	*06/11/22 05:15*	*1*
o-Terphenyl	*102*		*70 - 130*	*06/10/22 11:13*	*06/11/22 05:15*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.03	U	5.03		mg/Kg			06/19/22 12:58	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-15721-1	CS-1 (3")	99	99
880-15721-2	CS-2 (6")	102	91
880-15721-3	SW-1 (3")	96	96
880-15721-4	SW-2 (3")	98	99
880-15721-5	SW-3 (3")	109	91
880-15721-6	SW-4 ((3")	73	76
880-15721-7	SW-5 (6")	110	99
880-15721-8	SW-6 (6")	112	91
880-15721-9	SW-7 (6")	107	96
880-15721-10	SW-8 (6")	120	96
880-15721-11	S-1 (0-3")	104	101
880-15721-12	S-2 (0-3")	104	121
880-15721-13	S-3 (0-3")	106	98
880-15721-13 MS	S-3 (0-3")	98	100
880-15721-13 MSD	S-3 (0-3")	107	99
880-15721-14	H-1 (0-3")	98	96
880-15721-15	H-2 (0-3")	102	101
880-15721-16	H-3 (0-3")	106	101
880-15721-17	H-4 (0-3")	98	95
880-15895-A-44-B MS	Matrix Spike	87	108
880-15895-A-44-C MSD	Matrix Spike Duplicate	87	109
890-2388-A-32-E MS	Matrix Spike	106	98
890-2388-A-32-F MSD	Matrix Spike Duplicate	105	106
890-2406-A-12-B MS	Matrix Spike	97	99
890-2406-A-12-C MSD	Matrix Spike Duplicate	98	100
LCS 880-27544/1-A	Lab Control Sample	100	96
LCS 880-27599/1-A	Lab Control Sample	106	102
LCS 880-27627/1-A	Lab Control Sample	96	100
LCS 880-27654/1-A	Lab Control Sample	93	103
LCSD 880-27544/2-A	Lab Control Sample Dup	105	99
LCSD 880-27599/2-A	Lab Control Sample Dup	101	100
LCSD 880-27627/2-A	Lab Control Sample Dup	96	100
LCSD 880-27654/2-A	Lab Control Sample Dup	95	103
MB 880-27544/5-A	Method Blank	94	98
MB 880-27599/5-A	Method Blank	80	90
MB 880-27627/5-A	Method Blank	94	96
MB 880-27654/5-A	Method Blank	87	108

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)
880-15717-A-61-C MS	Matrix Spike	87	86
880-15717-A-61-D MSD	Matrix Spike Duplicate	87	88

Surrogate Summary

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-15721-1	CS-1 (3")	94	101
880-15721-2	CS-2 (6")	92	97
880-15721-3	SW-1 (3")	93	101
880-15721-4	SW-2 (3")	85	94
880-15721-5	SW-3 (3")	83	85
880-15721-6	SW-4 ((3")	90	97
880-15721-7	SW-5 (6")	83	90
880-15721-8	SW-6 (6")	83	91
880-15721-9	SW-7 (6")	86	0.1 S1-
880-15721-10	SW-8 (6")	90	0.05 S1-
880-15721-11	S-1 (0-3")	84	0.05 S1-
880-15721-12	S-2 (0-3")	93	0.05 S1-
880-15721-13	S-3 (0-3")	91	101
880-15721-14	H-1 (0-3")	86	93
880-15721-15	H-2 (0-3")	105	116
880-15721-16	H-3 (0-3")	93	101
880-15721-17	H-4 (0-3")	90	102
880-15766-A-14-B MS	Matrix Spike	73	67 S1-
880-15766-A-14-C MSD	Matrix Spike Duplicate	71	65 S1-
890-2397-A-1-E MS	Matrix Spike	89	82
890-2397-A-1-F MSD	Matrix Spike Duplicate	84	78
LCS 880-27293/2-A	Lab Control Sample	100	108
LCS 880-27321/2-A	Lab Control Sample	104	101
LCS 880-27383/2-A	Lab Control Sample	111	117
LCSD 880-27293/3-A	Lab Control Sample Dup	100	111
LCSD 880-27321/3-A	Lab Control Sample Dup	101	101
LCSD 880-27383/3-A	Lab Control Sample Dup	111	115
MB 880-27293/1-A	Method Blank	93	102
MB 880-27321/1-A	Method Blank	79	91
MB 880-27383/1-A	Method Blank	88	96

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-27544/5-A
Matrix: Solid
Analysis Batch: 27744

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27544

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/14/22 16:18	06/17/22 11:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/14/22 16:18	06/17/22 11:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/14/22 16:18	06/17/22 11:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/14/22 16:18	06/17/22 11:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/14/22 16:18	06/17/22 11:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/14/22 16:18	06/17/22 11:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*06/14/22 16:18*	*06/17/22 11:23*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*06/14/22 16:18*	*06/17/22 11:23*	*1*

Lab Sample ID: LCS 880-27544/1-A
Matrix: Solid
Analysis Batch: 27744

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27544

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07904		mg/Kg		79	70 - 130		
Toluene			0.100	0.08187		mg/Kg		82	70 - 130		
Ethylbenzene			0.100	0.08630		mg/Kg		86	70 - 130		
m-Xylene & p-Xylene			0.200	0.1749		mg/Kg		87	70 - 130		
o-Xylene			0.100	0.09606		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-27544/2-A
Matrix: Solid
Analysis Batch: 27744

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27544

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09978		mg/Kg		100	70 - 130	23	35
Toluene			0.100	0.1001		mg/Kg		100	70 - 130	20	35
Ethylbenzene			0.100	0.1044		mg/Kg		104	70 - 130	19	35
m-Xylene & p-Xylene			0.200	0.2098		mg/Kg		105	70 - 130	18	35
o-Xylene			0.100	0.1140		mg/Kg		114	70 - 130	17	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 890-2406-A-12-B MS
Matrix: Solid
Analysis Batch: 27744

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 27544

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U	0.0992	0.07448		mg/Kg		75	70 - 130		
Toluene	0.00663	F1	0.0992	0.07125	F1	mg/Kg		65	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

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

Lab Sample ID: 890-2406-A-12-B MS
Matrix: Solid
Analysis Batch: 27744

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 27544

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.00331	F1	0.0992	0.07217	F1	mg/Kg		69	70 - 130
m-Xylene & p-Xylene	0.0388	F1	0.198	0.1625	F1	mg/Kg		62	70 - 130
o-Xylene	0.0108		0.0992	0.08378		mg/Kg		74	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 890-2406-A-12-C MSD
Matrix: Solid
Analysis Batch: 27744

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 27544

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.09018		mg/Kg		90	70 - 130	19	35
Toluene	0.00663	F1	0.100	0.08325		mg/Kg		76	70 - 130	16	35
Ethylbenzene	0.00331	F1	0.100	0.08506		mg/Kg		82	70 - 130	16	35
m-Xylene & p-Xylene	0.0388	F1	0.200	0.1891		mg/Kg		75	70 - 130	15	35
o-Xylene	0.0108		0.100	0.09840		mg/Kg		87	70 - 130	16	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 880-27599/5-A
Matrix: Solid
Analysis Batch: 27608

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27599

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/22 10:22	06/15/22 17:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 10:22	06/15/22 17:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 10:22	06/15/22 17:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/15/22 10:22	06/15/22 17:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 10:22	06/15/22 17:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/15/22 10:22	06/15/22 17:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*06/15/22 10:22*	*06/15/22 17:37*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*06/15/22 10:22*	*06/15/22 17:37*	*1*

Lab Sample ID: LCS 880-27599/1-A
Matrix: Solid
Analysis Batch: 27608

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27599

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09316		mg/Kg		93	70 - 130
Toluene	0.100	0.09560		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.1073		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	0.200	0.2094		mg/Kg		105	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-27599/1-A
Matrix: Solid
Analysis Batch: 27608

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27599

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1023		mg/Kg		102	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-27599/2-A
Matrix: Solid
Analysis Batch: 27608

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27599

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08916		mg/Kg		89	70 - 130	4	35
Toluene			0.100	0.08919		mg/Kg		89	70 - 130	7	35
Ethylbenzene			0.100	0.09997		mg/Kg		100	70 - 130	7	35
m-Xylene & p-Xylene			0.200	0.1941		mg/Kg		97	70 - 130	8	35
o-Xylene			0.100	0.09567		mg/Kg		96	70 - 130	7	35

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

Lab Sample ID: 890-2388-A-32-E MS
Matrix: Solid
Analysis Batch: 27608

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 27599

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.100	0.08140		mg/Kg		81	70 - 130		
Toluene	<0.00201	U	0.100	0.08190		mg/Kg		82	70 - 130		
Ethylbenzene	<0.00201	U	0.100	0.09130		mg/Kg		91	70 - 130		
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1823		mg/Kg		91	70 - 130		
o-Xylene	<0.00201	U	0.100	0.08789		mg/Kg		88	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 890-2388-A-32-F MSD
Matrix: Solid
Analysis Batch: 27608

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 27599

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0996	0.1052		mg/Kg		106	70 - 130	25	35
Toluene	<0.00201	U	0.0996	0.09673		mg/Kg		97	70 - 130	17	35
Ethylbenzene	<0.00201	U	0.0996	0.1054		mg/Kg		106	70 - 130	14	35
m-Xylene & p-Xylene	<0.00402	U	0.199	0.2102		mg/Kg		106	70 - 130	14	35
o-Xylene	<0.00201	U	0.0996	0.1033		mg/Kg		104	70 - 130	16	35

QC Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

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

Lab Sample ID: 890-2388-A-32-F MSD
Matrix: Solid
Analysis Batch: 27608

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 27599

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: MB 880-27627/5-A
Matrix: Solid
Analysis Batch: 27651

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27627

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/15/22 15:37	06/16/22 10:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	06/15/22 15:37	06/16/22 10:45	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/15/22 15:37	06/16/22 10:45	1

Lab Sample ID: LCS 880-27627/1-A
Matrix: Solid
Analysis Batch: 27651

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27627

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08953		mg/Kg		90	70 - 130		
Toluene			0.100	0.08917		mg/Kg		89	70 - 130		
Ethylbenzene			0.100	0.09144		mg/Kg		91	70 - 130		
m-Xylene & p-Xylene			0.200	0.1835		mg/Kg		92	70 - 130		
o-Xylene			0.100	0.09968		mg/Kg		100	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-27627/2-A
Matrix: Solid
Analysis Batch: 27651

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27627

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09170		mg/Kg		92	70 - 130	2	35
Toluene			0.100	0.08986		mg/Kg		90	70 - 130	1	35
Ethylbenzene			0.100	0.09298		mg/Kg		93	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1865		mg/Kg		93	70 - 130	2	35
o-Xylene			0.100	0.1018		mg/Kg		102	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-27627/2-A
Matrix: Solid
Analysis Batch: 27651

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27627

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

Lab Sample ID: 880-15721-13 MS
Matrix: Solid
Analysis Batch: 27651

Client Sample ID: S-3 (0-3")
Prep Type: Total/NA
Prep Batch: 27627

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.08329		mg/Kg		83	70 - 130
Toluene	<0.00200	U	0.0998	0.08151		mg/Kg		82	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.08569		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1696		mg/Kg		85	70 - 130
o-Xylene	<0.00200	U	0.0998	0.09380		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-15721-13 MSD
Matrix: Solid
Analysis Batch: 27651

Client Sample ID: S-3 (0-3")
Prep Type: Total/NA
Prep Batch: 27627

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.09204		mg/Kg		93	70 - 130	10	35
Toluene	<0.00200	U	0.0994	0.09183		mg/Kg		92	70 - 130	12	35
Ethylbenzene	<0.00200	U	0.0994	0.09587		mg/Kg		96	70 - 130	11	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1898		mg/Kg		95	70 - 130	11	35
o-Xylene	<0.00200	U	0.0994	0.1055		mg/Kg		106	70 - 130	12	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-27654/5-A
Matrix: Solid
Analysis Batch: 27652

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27654

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:23	06/16/22 13:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:23	06/16/22 13:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:23	06/16/22 13:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/16/22 08:23	06/16/22 13:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:23	06/16/22 13:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/16/22 08:23	06/16/22 13:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	06/16/22 08:23	06/16/22 13:01	1
1,4-Difluorobenzene (Surr)	108		70 - 130	06/16/22 08:23	06/16/22 13:01	1

QC Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-27654/1-A
Matrix: Solid
Analysis Batch: 27652

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27654

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08917		mg/Kg		89	70 - 130		
Toluene			0.100	0.09001		mg/Kg		90	70 - 130		
Ethylbenzene			0.100	0.07993		mg/Kg		80	70 - 130		
m-Xylene & p-Xylene			0.200	0.1560		mg/Kg		78	70 - 130		
o-Xylene			0.100	0.08549		mg/Kg		85	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 880-27654/2-A
Matrix: Solid
Analysis Batch: 27652

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27654

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09645		mg/Kg		96	70 - 130	8	35
Toluene			0.100	0.1028		mg/Kg		103	70 - 130	13	35
Ethylbenzene			0.100	0.09260		mg/Kg		93	70 - 130	15	35
m-Xylene & p-Xylene			0.200	0.1815		mg/Kg		91	70 - 130	15	35
o-Xylene			0.100	0.09822		mg/Kg		98	70 - 130	14	35

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

Lab Sample ID: 880-15895-A-44-B MS
Matrix: Solid
Analysis Batch: 27652

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 27654

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0998	0.09628		mg/Kg		96	70 - 130		
Toluene	<0.00200	U	0.0998	0.08934		mg/Kg		90	70 - 130		
Ethylbenzene	<0.00200	U	0.0998	0.07507		mg/Kg		75	70 - 130		
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1429		mg/Kg		72	70 - 130		
o-Xylene	<0.00200	U	0.0998	0.07783		mg/Kg		78	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: 880-15895-A-44-C MSD
Matrix: Solid
Analysis Batch: 27652

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 27654

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.09559		mg/Kg		96	70 - 130	1	35
Toluene	<0.00200	U	0.0994	0.08750		mg/Kg		88	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.0994	0.07306		mg/Kg		73	70 - 130	3	35

QC Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-15895-A-44-C MSD
Matrix: Solid
Analysis Batch: 27652

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 27654

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1385		mg/Kg		70	70 - 130	3	35
o-Xylene	<0.00200	U	0.0994	0.07544		mg/Kg		76	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

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

Lab Sample ID: MB 880-27293/1-A
Matrix: Solid
Analysis Batch: 27237

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27293

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		06/10/22 11:13	06/10/22 20:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/10/22 20:04	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 11:13	06/10/22 20:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*06/10/22 11:13*	*06/10/22 20:04*	*1*
o-Terphenyl	*102*		*70 - 130*	*06/10/22 11:13*	*06/10/22 20:04*	*1*

Lab Sample ID: LCS 880-27293/2-A
Matrix: Solid
Analysis Batch: 27237

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27293

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1158		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	1000	866.5		mg/Kg		87	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*100*		*70 - 130*
o-Terphenyl	*108*		*70 - 130*

Lab Sample ID: LCSD 880-27293/3-A
Matrix: Solid
Analysis Batch: 27237

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27293

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1167		mg/Kg		117	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	881.5		mg/Kg		88	70 - 130	2	20

QC Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-27293/3-A
Matrix: Solid
Analysis Batch: 27237

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27293

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: 880-15717-A-61-C MS
Matrix: Solid
Analysis Batch: 27237

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 27293

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	997	1068		mg/Kg		106	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	997	982.9		mg/Kg		99	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: 880-15717-A-61-D MSD
Matrix: Solid
Analysis Batch: 27237

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 27293

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	1000	1067		mg/Kg		105	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1023		mg/Kg		102	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: MB 880-27321/1-A
Matrix: Solid
Analysis Batch: 27342

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27321

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		06/10/22 16:16	06/12/22 12:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 12:38	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/22 16:16	06/12/22 12:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	06/10/22 16:16	06/12/22 12:38	1
o-Terphenyl	91		70 - 130	06/10/22 16:16	06/12/22 12:38	1

QC Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-27321/2-A
Matrix: Solid
Analysis Batch: 27342

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27321

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	886.9		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1150		mg/Kg		115	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*104*		*70 - 130*
o-Terphenyl	*101*		*70 - 130*

Lab Sample ID: LCSD 880-27321/3-A
Matrix: Solid
Analysis Batch: 27342

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27321

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	850.2		mg/Kg		85	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1130		mg/Kg		113	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*101*		*70 - 130*
o-Terphenyl	*101*		*70 - 130*

Lab Sample ID: 890-2397-A-1-E MS
Matrix: Solid
Analysis Batch: 27342

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 27321

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	997	810.0		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	997	925.4		mg/Kg		91	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*89*		*70 - 130*
o-Terphenyl	*82*		*70 - 130*

Lab Sample ID: 890-2397-A-1-F MSD
Matrix: Solid
Analysis Batch: 27342

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 27321

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	1000	872.0		mg/Kg		87	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	874.2		mg/Kg		85	70 - 130	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*84*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

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

Lab Sample ID: 890-2397-A-1-F MSD
Matrix: Solid
Analysis Batch: 27342

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 27321

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	78		70 - 130

Lab Sample ID: MB 880-27383/1-A
Matrix: Solid
Analysis Batch: 27357

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 27383

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		06/13/22 09:36	06/13/22 11:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/13/22 09:36	06/13/22 11:03	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/13/22 09:36	06/13/22 11:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	06/13/22 09:36	06/13/22 11:03	1
o-Terphenyl	96		70 - 130	06/13/22 09:36	06/13/22 11:03	1

Lab Sample ID: LCS 880-27383/2-A
Matrix: Solid
Analysis Batch: 27357

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27383

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1089		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	902.8		mg/Kg		90	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	117		70 - 130

Lab Sample ID: LCSD 880-27383/3-A
Matrix: Solid
Analysis Batch: 27357

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 27383

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1129		mg/Kg		113	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	916.3		mg/Kg		92	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	115		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-15766-A-14-B MS
Matrix: Solid
Analysis Batch: 27357

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 27383

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	998	1162		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	848.7		mg/Kg		83	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*73*		*70 - 130*
o-Terphenyl	*67*	*S1-*	*70 - 130*

Lab Sample ID: 880-15766-A-14-C MSD
Matrix: Solid
Analysis Batch: 27357

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 27383

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	958.7		mg/Kg		94	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	829.6		mg/Kg		81	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*71*		*70 - 130*
o-Terphenyl	*65*	*S1-*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-27520/1-A
Matrix: Solid
Analysis Batch: 27839

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			06/18/22 17:33	1

Lab Sample ID: LCS 880-27520/2-A
Matrix: Solid
Analysis Batch: 27839

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	267.6		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-27520/3-A
Matrix: Solid
Analysis Batch: 27839

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	267.2		mg/Kg		107	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-15721-1 MS — **Client Sample ID: CS-1 (3")**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27839

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	79.7		248	346.7		mg/Kg		108	90 - 110

Lab Sample ID: 880-15721-1 MSD — **Client Sample ID: CS-1 (3")**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27839

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	79.7		248	342.8		mg/Kg		106	90 - 110	1	20

Lab Sample ID: MB 880-27521/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27855

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/19/22 11:16	1

Lab Sample ID: LCS 880-27521/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27855

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.8		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-27521/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27855

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	256.2		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 880-15721-11 MS — **Client Sample ID: S-1 (0-3")**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27855

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.19		252	258.6		mg/Kg		100	90 - 110

Lab Sample ID: 880-15721-11 MSD — **Client Sample ID: S-1 (0-3")**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 27855

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.19		252	261.5		mg/Kg		101	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 27544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-1	CS-1 (3")	Total/NA	Solid	5035	
880-15721-2	CS-2 (6")	Total/NA	Solid	5035	
880-15721-3	SW-1 (3")	Total/NA	Solid	5035	
880-15721-4	SW-2 (3")	Total/NA	Solid	5035	
MB 880-27544/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27544/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27544/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2406-A-12-B MS	Matrix Spike	Total/NA	Solid	5035	
890-2406-A-12-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 27599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-5	SW-3 (3")	Total/NA	Solid	5035	
880-15721-6	SW-4 ((3")	Total/NA	Solid	5035	
880-15721-7	SW-5 (6")	Total/NA	Solid	5035	
880-15721-8	SW-6 (6")	Total/NA	Solid	5035	
880-15721-9	SW-7 (6")	Total/NA	Solid	5035	
880-15721-11	S-1 (0-3")	Total/NA	Solid	5035	
MB 880-27599/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27599/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27599/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2388-A-32-E MS	Matrix Spike	Total/NA	Solid	5035	
890-2388-A-32-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 27608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-5	SW-3 (3")	Total/NA	Solid	8021B	27599
880-15721-6	SW-4 ((3")	Total/NA	Solid	8021B	27599
880-15721-7	SW-5 (6")	Total/NA	Solid	8021B	27599
880-15721-8	SW-6 (6")	Total/NA	Solid	8021B	27599
880-15721-9	SW-7 (6")	Total/NA	Solid	8021B	27599
880-15721-11	S-1 (0-3")	Total/NA	Solid	8021B	27599
MB 880-27599/5-A	Method Blank	Total/NA	Solid	8021B	27599
LCS 880-27599/1-A	Lab Control Sample	Total/NA	Solid	8021B	27599
LCSD 880-27599/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27599
890-2388-A-32-E MS	Matrix Spike	Total/NA	Solid	8021B	27599
890-2388-A-32-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	27599

Prep Batch: 27627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-13	S-3 (0-3")	Total/NA	Solid	5035	
880-15721-14	H-1 (0-3")	Total/NA	Solid	5035	
880-15721-15	H-2 (0-3")	Total/NA	Solid	5035	
880-15721-16	H-3 (0-3")	Total/NA	Solid	5035	
880-15721-17	H-4 (0-3")	Total/NA	Solid	5035	
MB 880-27627/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27627/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27627/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15721-13 MS	S-3 (0-3")	Total/NA	Solid	5035	
880-15721-13 MSD	S-3 (0-3")	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 27651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-13	S-3 (0-3")	Total/NA	Solid	8021B	27627
880-15721-14	H-1 (0-3")	Total/NA	Solid	8021B	27627
880-15721-15	H-2 (0-3")	Total/NA	Solid	8021B	27627
880-15721-16	H-3 (0-3")	Total/NA	Solid	8021B	27627
880-15721-17	H-4 (0-3")	Total/NA	Solid	8021B	27627
MB 880-27627/5-A	Method Blank	Total/NA	Solid	8021B	27627
LCS 880-27627/1-A	Lab Control Sample	Total/NA	Solid	8021B	27627
LCSD 880-27627/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27627
880-15721-13 MS	S-3 (0-3")	Total/NA	Solid	8021B	27627
880-15721-13 MSD	S-3 (0-3")	Total/NA	Solid	8021B	27627

Analysis Batch: 27652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-10	SW-8 (6")	Total/NA	Solid	8021B	27654
880-15721-12	S-2 (0-3")	Total/NA	Solid	8021B	27654
MB 880-27654/5-A	Method Blank	Total/NA	Solid	8021B	27654
LCS 880-27654/1-A	Lab Control Sample	Total/NA	Solid	8021B	27654
LCSD 880-27654/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27654
880-15895-A-44-B MS	Matrix Spike	Total/NA	Solid	8021B	27654
880-15895-A-44-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	27654

Prep Batch: 27654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-10	SW-8 (6")	Total/NA	Solid	5035	
880-15721-12	S-2 (0-3")	Total/NA	Solid	5035	
MB 880-27654/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27654/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27654/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15895-A-44-B MS	Matrix Spike	Total/NA	Solid	5035	
880-15895-A-44-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 27667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-1	CS-1 (3")	Total/NA	Solid	Total BTEX	
880-15721-2	CS-2 (6")	Total/NA	Solid	Total BTEX	
880-15721-3	SW-1 (3")	Total/NA	Solid	Total BTEX	
880-15721-4	SW-2 (3")	Total/NA	Solid	Total BTEX	
880-15721-5	SW-3 (3")	Total/NA	Solid	Total BTEX	
880-15721-6	SW-4 ((3")	Total/NA	Solid	Total BTEX	
880-15721-7	SW-5 (6")	Total/NA	Solid	Total BTEX	
880-15721-8	SW-6 (6")	Total/NA	Solid	Total BTEX	
880-15721-9	SW-7 (6")	Total/NA	Solid	Total BTEX	
880-15721-10	SW-8 (6")	Total/NA	Solid	Total BTEX	
880-15721-11	S-1 (0-3")	Total/NA	Solid	Total BTEX	
880-15721-12	S-2 (0-3")	Total/NA	Solid	Total BTEX	
880-15721-13	S-3 (0-3")	Total/NA	Solid	Total BTEX	
880-15721-14	H-1 (0-3")	Total/NA	Solid	Total BTEX	
880-15721-15	H-2 (0-3")	Total/NA	Solid	Total BTEX	
880-15721-16	H-3 (0-3")	Total/NA	Solid	Total BTEX	
880-15721-17	H-4 (0-3")	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 27744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-1	CS-1 (3")	Total/NA	Solid	8021B	27544
880-15721-2	CS-2 (6")	Total/NA	Solid	8021B	27544
880-15721-3	SW-1 (3")	Total/NA	Solid	8021B	27544
880-15721-4	SW-2 (3")	Total/NA	Solid	8021B	27544
MB 880-27544/5-A	Method Blank	Total/NA	Solid	8021B	27544
LCS 880-27544/1-A	Lab Control Sample	Total/NA	Solid	8021B	27544
LCSD 880-27544/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27544
890-2406-A-12-B MS	Matrix Spike	Total/NA	Solid	8021B	27544
890-2406-A-12-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	27544

GC Semi VOA

Analysis Batch: 27237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-16	H-3 (0-3")	Total/NA	Solid	8015B NM	27293
880-15721-17	H-4 (0-3")	Total/NA	Solid	8015B NM	27293
MB 880-27293/1-A	Method Blank	Total/NA	Solid	8015B NM	27293
LCS 880-27293/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27293
LCSD 880-27293/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27293
880-15717-A-61-C MS	Matrix Spike	Total/NA	Solid	8015B NM	27293
880-15717-A-61-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	27293

Prep Batch: 27293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-16	H-3 (0-3")	Total/NA	Solid	8015NM Prep	
880-15721-17	H-4 (0-3")	Total/NA	Solid	8015NM Prep	
MB 880-27293/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27293/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27293/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15717-A-61-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-15717-A-61-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 27321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-1	CS-1 (3")	Total/NA	Solid	8015NM Prep	
880-15721-2	CS-2 (6")	Total/NA	Solid	8015NM Prep	
880-15721-3	SW-1 (3")	Total/NA	Solid	8015NM Prep	
880-15721-4	SW-2 (3")	Total/NA	Solid	8015NM Prep	
880-15721-5	SW-3 (3")	Total/NA	Solid	8015NM Prep	
880-15721-6	SW-4 ((3")	Total/NA	Solid	8015NM Prep	
880-15721-7	SW-5 (6")	Total/NA	Solid	8015NM Prep	
880-15721-8	SW-6 (6")	Total/NA	Solid	8015NM Prep	
880-15721-9	SW-7 (6")	Total/NA	Solid	8015NM Prep	
880-15721-10	SW-8 (6")	Total/NA	Solid	8015NM Prep	
880-15721-11	S-1 (0-3")	Total/NA	Solid	8015NM Prep	
880-15721-12	S-2 (0-3")	Total/NA	Solid	8015NM Prep	
880-15721-13	S-3 (0-3")	Total/NA	Solid	8015NM Prep	
880-15721-14	H-1 (0-3")	Total/NA	Solid	8015NM Prep	
MB 880-27321/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27321/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27321/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 27321 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2397-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2397-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 27342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-1	CS-1 (3")	Total/NA	Solid	8015B NM	27321
880-15721-2	CS-2 (6")	Total/NA	Solid	8015B NM	27321
880-15721-3	SW-1 (3")	Total/NA	Solid	8015B NM	27321
880-15721-4	SW-2 (3")	Total/NA	Solid	8015B NM	27321
880-15721-5	SW-3 (3")	Total/NA	Solid	8015B NM	27321
880-15721-6	SW-4 ((3")	Total/NA	Solid	8015B NM	27321
880-15721-7	SW-5 (6")	Total/NA	Solid	8015B NM	27321
880-15721-8	SW-6 (6")	Total/NA	Solid	8015B NM	27321
880-15721-9	SW-7 (6")	Total/NA	Solid	8015B NM	27321
880-15721-10	SW-8 (6")	Total/NA	Solid	8015B NM	27321
880-15721-11	S-1 (0-3")	Total/NA	Solid	8015B NM	27321
880-15721-12	S-2 (0-3")	Total/NA	Solid	8015B NM	27321
880-15721-13	S-3 (0-3")	Total/NA	Solid	8015B NM	27321
880-15721-14	H-1 (0-3")	Total/NA	Solid	8015B NM	27321
MB 880-27321/1-A	Method Blank	Total/NA	Solid	8015B NM	27321
LCS 880-27321/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27321
LCSD 880-27321/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27321
890-2397-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	27321
890-2397-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	27321

Analysis Batch: 27357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-15	H-2 (0-3")	Total/NA	Solid	8015B NM	27383
MB 880-27383/1-A	Method Blank	Total/NA	Solid	8015B NM	27383
LCS 880-27383/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27383
LCSD 880-27383/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27383
880-15766-A-14-B MS	Matrix Spike	Total/NA	Solid	8015B NM	27383
880-15766-A-14-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	27383

Prep Batch: 27383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-15	H-2 (0-3")	Total/NA	Solid	8015NM Prep	
MB 880-27383/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27383/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27383/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15766-A-14-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-15766-A-14-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 27390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-1	CS-1 (3")	Total/NA	Solid	8015 NM	
880-15721-2	CS-2 (6")	Total/NA	Solid	8015 NM	
880-15721-3	SW-1 (3")	Total/NA	Solid	8015 NM	
880-15721-4	SW-2 (3")	Total/NA	Solid	8015 NM	
880-15721-5	SW-3 (3")	Total/NA	Solid	8015 NM	
880-15721-6	SW-4 ((3")	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 27390 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-7	SW-5 (6")	Total/NA	Solid	8015 NM	
880-15721-8	SW-6 (6")	Total/NA	Solid	8015 NM	
880-15721-9	SW-7 (6")	Total/NA	Solid	8015 NM	
880-15721-10	SW-8 (6")	Total/NA	Solid	8015 NM	
880-15721-11	S-1 (0-3")	Total/NA	Solid	8015 NM	
880-15721-12	S-2 (0-3")	Total/NA	Solid	8015 NM	
880-15721-13	S-3 (0-3")	Total/NA	Solid	8015 NM	
880-15721-14	H-1 (0-3")	Total/NA	Solid	8015 NM	
880-15721-15	H-2 (0-3")	Total/NA	Solid	8015 NM	
880-15721-16	H-3 (0-3")	Total/NA	Solid	8015 NM	
880-15721-17	H-4 (0-3")	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 27520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-1	CS-1 (3")	Soluble	Solid	DI Leach	
880-15721-2	CS-2 (6")	Soluble	Solid	DI Leach	
880-15721-3	SW-1 (3")	Soluble	Solid	DI Leach	
880-15721-4	SW-2 (3")	Soluble	Solid	DI Leach	
880-15721-5	SW-3 (3")	Soluble	Solid	DI Leach	
880-15721-6	SW-4 ((3")	Soluble	Solid	DI Leach	
880-15721-7	SW-5 (6")	Soluble	Solid	DI Leach	
880-15721-8	SW-6 (6")	Soluble	Solid	DI Leach	
880-15721-9	SW-7 (6")	Soluble	Solid	DI Leach	
880-15721-10	SW-8 (6")	Soluble	Solid	DI Leach	
MB 880-27520/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27520/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27520/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15721-1 MS	CS-1 (3")	Soluble	Solid	DI Leach	
880-15721-1 MSD	CS-1 (3")	Soluble	Solid	DI Leach	

Leach Batch: 27521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-11	S-1 (0-3")	Soluble	Solid	DI Leach	
880-15721-12	S-2 (0-3")	Soluble	Solid	DI Leach	
880-15721-13	S-3 (0-3")	Soluble	Solid	DI Leach	
880-15721-14	H-1 (0-3")	Soluble	Solid	DI Leach	
880-15721-15	H-2 (0-3")	Soluble	Solid	DI Leach	
880-15721-16	H-3 (0-3")	Soluble	Solid	DI Leach	
880-15721-17	H-4 (0-3")	Soluble	Solid	DI Leach	
MB 880-27521/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27521/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27521/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15721-11 MS	S-1 (0-3")	Soluble	Solid	DI Leach	
880-15721-11 MSD	S-1 (0-3")	Soluble	Solid	DI Leach	

Analysis Batch: 27839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-1	CS-1 (3")	Soluble	Solid	300.0	27520
880-15721-2	CS-2 (6")	Soluble	Solid	300.0	27520

QC Association Summary

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 27839 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-3	SW-1 (3")	Soluble	Solid	300.0	27520
880-15721-4	SW-2 (3")	Soluble	Solid	300.0	27520
880-15721-5	SW-3 (3")	Soluble	Solid	300.0	27520
880-15721-6	SW-4 ((3")	Soluble	Solid	300.0	27520
880-15721-7	SW-5 (6")	Soluble	Solid	300.0	27520
880-15721-8	SW-6 (6")	Soluble	Solid	300.0	27520
880-15721-9	SW-7 (6")	Soluble	Solid	300.0	27520
880-15721-10	SW-8 (6")	Soluble	Solid	300.0	27520
MB 880-27520/1-A	Method Blank	Soluble	Solid	300.0	27520
LCS 880-27520/2-A	Lab Control Sample	Soluble	Solid	300.0	27520
LCSD 880-27520/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27520
880-15721-1 MS	CS-1 (3")	Soluble	Solid	300.0	27520
880-15721-1 MSD	CS-1 (3")	Soluble	Solid	300.0	27520

Analysis Batch: 27855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15721-11	S-1 (0-3")	Soluble	Solid	300.0	27521
880-15721-12	S-2 (0-3")	Soluble	Solid	300.0	27521
880-15721-13	S-3 (0-3")	Soluble	Solid	300.0	27521
880-15721-14	H-1 (0-3")	Soluble	Solid	300.0	27521
880-15721-15	H-2 (0-3")	Soluble	Solid	300.0	27521
880-15721-16	H-3 (0-3")	Soluble	Solid	300.0	27521
880-15721-17	H-4 (0-3")	Soluble	Solid	300.0	27521
MB 880-27521/1-A	Method Blank	Soluble	Solid	300.0	27521
LCS 880-27521/2-A	Lab Control Sample	Soluble	Solid	300.0	27521
LCSD 880-27521/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27521
880-15721-11 MS	S-1 (0-3")	Soluble	Solid	300.0	27521
880-15721-11 MSD	S-1 (0-3")	Soluble	Solid	300.0	27521

Lab Chronicle

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (3")

Lab Sample ID: 880-15721-1

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27544	06/14/22 16:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27744	06/17/22 18:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27321	06/10/22 16:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27342	06/12/22 16:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27520	06/14/22 13:46	SC	XEN MID
Soluble	Analysis	300.0		1			27839	06/18/22 18:01	CH	XEN MID

Client Sample ID: CS-2 (6")

Lab Sample ID: 880-15721-2

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27544	06/14/22 16:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27744	06/17/22 19:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27321	06/10/22 16:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27342	06/12/22 16:57	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27520	06/14/22 13:46	SC	XEN MID
Soluble	Analysis	300.0		1			27839	06/18/22 18:28	CH	XEN MID

Client Sample ID: SW-1 (3")

Lab Sample ID: 880-15721-3

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27544	06/14/22 16:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27744	06/17/22 19:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27321	06/10/22 16:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27342	06/12/22 17:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27520	06/14/22 13:46	SC	XEN MID
Soluble	Analysis	300.0		1			27839	06/18/22 18:38	CH	XEN MID

Client Sample ID: SW-2 (3")

Lab Sample ID: 880-15721-4

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	27544	06/14/22 16:18	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27744	06/17/22 19:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: SW-2 (3")

Lab Sample ID: 880-15721-4
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

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			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27321	06/10/22 16:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27342	06/12/22 17:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27520	06/14/22 13:46	SC	XEN MID
Soluble	Analysis	300.0		1			27839	06/18/22 18:47	CH	XEN MID

Client Sample ID: SW-3 (3")

Lab Sample ID: 880-15721-5
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

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	27599	06/15/22 10:22	MR	XEN MID
Total/NA	Analysis	8021B		1			27608	06/16/22 00:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27321	06/10/22 16:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27342	06/12/22 18:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27520	06/14/22 13:46	SC	XEN MID
Soluble	Analysis	300.0		1			27839	06/18/22 18:56	CH	XEN MID

Client Sample ID: SW-4 ((3")

Lab Sample ID: 880-15721-6
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

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	27599	06/15/22 10:22	MR	XEN MID
Total/NA	Analysis	8021B		1			27608	06/16/22 01:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27321	06/10/22 16:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27342	06/12/22 18:46	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27520	06/14/22 13:46	SC	XEN MID
Soluble	Analysis	300.0		1			27839	06/20/22 10:44	CH	XEN MID

Client Sample ID: SW-5 (6")

Lab Sample ID: 880-15721-7
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

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	27599	06/15/22 10:22	MR	XEN MID
Total/NA	Analysis	8021B		1			27608	06/16/22 01:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27321	06/10/22 16:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27342	06/12/22 19:08	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: SW-5 (6")

Lab Sample ID: 880-15721-7
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	27520	06/14/22 13:46	SC	XEN MID
Soluble	Analysis	300.0		1			27839	06/18/22 19:27	CH	XEN MID

Client Sample ID: SW-6 (6")

Lab Sample ID: 880-15721-8
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

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	27599	06/15/22 10:22	MR	XEN MID
Total/NA	Analysis	8021B		1			27608	06/16/22 01:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27321	06/10/22 16:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27342	06/12/22 19:30	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27520	06/14/22 13:46	SC	XEN MID
Soluble	Analysis	300.0		1			27839	06/18/22 19:36	CH	XEN MID

Client Sample ID: SW-7 (6")

Lab Sample ID: 880-15721-9
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

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	27599	06/15/22 10:22	MR	XEN MID
Total/NA	Analysis	8021B		1			27608	06/16/22 02:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27321	06/10/22 16:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27342	06/12/22 19:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27520	06/14/22 13:46	SC	XEN MID
Soluble	Analysis	300.0		1			27839	06/18/22 19:46	CH	XEN MID

Client Sample ID: SW-8 (6")

Lab Sample ID: 880-15721-10
Matrix: Solid
Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

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	27654	06/16/22 08:23	MR	XEN MID
Total/NA	Analysis	8021B		5	5 mL	5 mL	27652	06/16/22 16:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27321	06/10/22 16:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27342	06/12/22 20:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27520	06/14/22 13:46	SC	XEN MID
Soluble	Analysis	300.0		1			27839	06/18/22 19:55	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-15721-11

Date Collected: 06/09/22 00:00
Matrix: Solid
Date Received: 06/10/22 08:04

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	27599	06/15/22 10:22	MR	XEN MID
Total/NA	Analysis	8021B		1			27608	06/16/22 03:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27321	06/10/22 16:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27342	06/12/22 20:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27521	06/14/22 13:48	SC	XEN MID
Soluble	Analysis	300.0		1			27855	06/19/22 11:39	CH	XEN MID

Client Sample ID: S-2 (0-3")

Lab Sample ID: 880-15721-12

Date Collected: 06/09/22 00:00
Matrix: Solid
Date Received: 06/10/22 08:04

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	27654	06/16/22 08:23	MR	XEN MID
Total/NA	Analysis	8021B		5	5 mL	5 mL	27652	06/16/22 16:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27321	06/10/22 16:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27342	06/12/22 20:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27521	06/14/22 13:48	SC	XEN MID
Soluble	Analysis	300.0		1			27855	06/19/22 12:03	CH	XEN MID

Client Sample ID: S-3 (0-3")

Lab Sample ID: 880-15721-13

Date Collected: 06/09/22 00:00
Matrix: Solid
Date Received: 06/10/22 08:04

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	27627	06/15/22 15:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/16/22 11:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27321	06/10/22 16:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27342	06/12/22 21:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27521	06/14/22 13:48	SC	XEN MID
Soluble	Analysis	300.0		1			27855	06/19/22 12:11	CH	XEN MID

Client Sample ID: H-1 (0-3")

Lab Sample ID: 880-15721-14

Date Collected: 06/09/22 00:00
Matrix: Solid
Date Received: 06/10/22 08:04

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	27627	06/15/22 15:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/16/22 11:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: H-1 (0-3")

Lab Sample ID: 880-15721-14

Date Collected: 06/09/22 00:00
Matrix: Solid
Date Received: 06/10/22 08:04

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			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27321	06/10/22 16:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27342	06/12/22 21:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27521	06/14/22 13:48	SC	XEN MID
Soluble	Analysis	300.0		1			27855	06/19/22 12:19	CH	XEN MID

Client Sample ID: H-2 (0-3")

Lab Sample ID: 880-15721-15

Date Collected: 06/09/22 00:00
Matrix: Solid
Date Received: 06/10/22 08:04

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	27627	06/15/22 15:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/16/22 11:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27383	06/13/22 09:36	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27357	06/13/22 13:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27521	06/14/22 13:48	SC	XEN MID
Soluble	Analysis	300.0		1			27855	06/19/22 12:27	CH	XEN MID

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

Lab Sample ID: 880-15721-16

Date Collected: 06/09/22 00:00
Matrix: Solid
Date Received: 06/10/22 08:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	27627	06/15/22 15:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/16/22 16:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27293	06/10/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27237	06/11/22 04:54	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27521	06/14/22 13:48	SC	XEN MID
Soluble	Analysis	300.0		1			27855	06/19/22 12:50	CH	XEN MID

Client Sample ID: H-4 (0-3")

Lab Sample ID: 880-15721-17

Date Collected: 06/09/22 00:00
Matrix: Solid
Date Received: 06/10/22 08:04

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	27627	06/15/22 15:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/16/22 16:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27667	06/16/22 09:44	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27390	06/13/22 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27293	06/10/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27237	06/11/22 05:15	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Client Sample ID: H-4 (0-3")

Date Collected: 06/09/22 00:00
Date Received: 06/10/22 08:04

Lab Sample ID: 880-15721-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	27521	06/14/22 13:48	SC	XEN MID
Soluble	Analysis	300.0		1			27855	06/19/22 12:58	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	OII 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: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

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

Protocol References:

ASTM = ASTM International

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

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Tristie 36 Federal Flares Fire

Job ID: 880-15721-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-15721-1	CS-1 (3")	Solid	06/09/22 00:00	06/10/22 08:04
880-15721-2	CS-2 (6")	Solid	06/09/22 00:00	06/10/22 08:04
880-15721-3	SW-1 (3")	Solid	06/09/22 00:00	06/10/22 08:04
880-15721-4	SW-2 (3")	Solid	06/09/22 00:00	06/10/22 08:04
880-15721-5	SW-3 (3")	Solid	06/09/22 00:00	06/10/22 08:04
880-15721-6	SW-4 ((3")	Solid	06/09/22 00:00	06/10/22 08:04
880-15721-7	SW-5 (6")	Solid	06/09/22 00:00	06/10/22 08:04
880-15721-8	SW-6 (6")	Solid	06/09/22 00:00	06/10/22 08:04
880-15721-9	SW-7 (6")	Solid	06/09/22 00:00	06/10/22 08:04
880-15721-10	SW-8 (6")	Solid	06/09/22 00:00	06/10/22 08:04
880-15721-11	S-1 (0-3")	Solid	06/09/22 00:00	06/10/22 08:04
880-15721-12	S-2 (0-3")	Solid	06/09/22 00:00	06/10/22 08:04
880-15721-13	S-3 (0-3")	Solid	06/09/22 00:00	06/10/22 08:04
880-15721-14	H-1 (0-3")	Solid	06/09/22 00:00	06/10/22 08:04
880-15721-15	H-2 (0-3")	Solid	06/09/22 00:00	06/10/22 08:04
880-15721-16	H-3 (0-3")	Solid	06/09/22 00:00	06/10/22 08:04
880-15721-17	H-4 (0-3")	Solid	06/09/22 00:00	06/10/22 08:04

Work Order No: 15721

Project Manager	Conner Moehring	Bill to (if different)	Laci Luig
Company Name	Carmona Resources	Company Name	Cimarex Energy
Address	310 W Wall St Ste 415	Address	600 N Marienfiled St, Ste 600
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79701
Phone	432-813-6823	Email	laci.luig@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Tristie 36 Federal Flare Fire	Turn Around	
Project Number	1067	☑ Routine ☐ Rush	
Project Location	Lea Co, NM	Due Date	
Sampler's Name	CRM	TAT starts the day received by the lab if received by 4.30pm	
PO #			

SAMPLE RECEIPT			
Temp Blank	Yes No	Wet Ice	Yes No
Received Intact	Yes No	Thermometer ID	IR8
Cooler Custody Seals	Yes No N/A	Correction Factor	-.2
Sample Custody Seals	Yes No N/A	Temperature Reading	.3
Total Containers		Corrected Temperature	.1

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2SO_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
CS-1 (3")	6/9/2022		X		C	1		X	X	X		
CS-2 (6")	6/9/2022		X		C	1		X	X	X		
SW-1 (3")	6/9/2022		X		C	1		X	X	X		
SW-2 (3")	6/9/2022		X		C	1		X	X	X		
SW-3 (3")	6/9/2022		X		C	1		X	X	X		
SW-4 (3")	6/9/2022		X		C	1		X	X	X		
SW-5 (6")	6/9/2022		X		C	1		X	X	X		
SW-6 (6")	6/9/2022		X		C	1		X	X	X		
SW-7 (6")	6/9/2022		X		C	1		X	X	X		
SW-8 (6")	6/9/2022		X		C	1		X	X	X		

880-15721 Chain of Custody

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Conner Moehring	6/10/22 8:04	Alicia R	

Work Order No: 15724

Project Manager	Conner Moehring	Bill to (if different)	Laci Luig
Company Name	Carmona Resources	Company Name	Cimarex Energy
Address	310 W Wall St Ste 415	Address	600 N Marienfiled St, Ste 600
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79701
Phone	432-813-6823	Email	laci.luig@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Tristie 36 Federal Flare Fire	Turn Around	
Project Number	1067	☑ Routine ☐ Rush	
Project Location	Lea Co, NM	Due Date	
Sampler's Name	CRM	TAT starts the day received by the lab if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank.	Yes No	Wet Ice.	Yes No
Received Intact:	Yes No	Thermometer ID	
Cooler Custody Seals.	Yes No N/A	Correction Factor	
Sample Custody Seals.	Yes No N/A	Temperature Reading	
Total Containers.		Corrected Temperature	

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2SO_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
S-1 (0-3")	6/9/2022		X		G	1		X	X	X		
S-2 (0-3")	6/9/2022		X		G	1		X	X	X		
S-3 (0-3")	6/9/2022		X		G	1		X	X	X		
H-1 (0-3")	6/9/2022		X		G	1		X	X	X		
H-2 (0-3")	6/9/2022		X		G	1		X	X	X		
H-3 (0-3")	6/9/2022		X		G	1		X	X	X		
H-4 (0-3")	6/9/2022		X		G	1		X	X	X		

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Conner Moehring	6/10/22 8:21	Lucian P	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-15721-1
SDG Number: Lea Co, NM

Login Number: 15721
List Number: 1
Creator: Teel, Brianna

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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

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

CONDITIONS

Operator:	OGRID:
CIMAREX ENERGY CO. 600 N. Marienfeld Street Midland, TX 79701	215099
	Action Number: 124827
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	7/19/2022